

OFFICIAL NOTICE

PUBLISHED BY THE DEPARTMENT OF NEIGHBORHOOD
SERVICES OF THE CITY OF MILWAUKEE

INVITATION FOR BIDS FOR MECHANICAL DEMOLITION PROJECT OPENING 2-4-2020

THE COMMISSIONER OF THE DEPARTMENT OF NEIGHBORHOOD SERVICES OF THE CITY OF MILWAUKEE ("Commissioner"), Milwaukee, Wisconsin, acting pursuant to Sec. 7-22-3, Milwaukee City Charter, will receive sealed bids for furnishing all labor and materials and performing all work necessary for and incidental to the demolition of thirteen (13) primary buildings and five (5) secondary buildings located in the city of Milwaukee, Wisconsin, until **9:00 a.m.(central time) on Tuesday, February 4, 2020**, at which time all bids will be publicly opened and read. Any bids received after that time may be rejected and returned unopened.

1. Bids shall be awarded to lowest, qualified, responsive, and responsible bidder on a per parcel basis.
2. All bids shall be held open for a period of sixty (60) days subsequent to the opening of bids and no bid may be withdrawn without the written consent of the Commissioner. **IN THE EVENT THE COMMISSIONER, DURING THE SIXTY DAYS FOLLOWING BID OPENING, TAKES NO ACTION RELATIVE TO THE BID OR BIDS RECEIVED, THEN THE BID OR BIDS SHALL BECOME NULL AND VOID WITHOUT RECOURSE OF ANY KIND BY EITHER THE BIDDER OR COMMISSIONER, ACTING ON BEHALF OF THE CITY.**

As part of the bid, each bidder shall submit a full and complete list of all the proposed subcontractors and the class of work to be performed by each, which list shall not be altered without the written consent of the Commissioner.

The Commissioner reserves the right to reject any and all bids at any time, if it is in the best interests of the City, and to waive any informalities in bidding.

Attention is called to the fact that: (a) the successful bidder will not discriminate against any qualified employee or qualified applicant for employment because of sex, race, religion, color, national origin or ancestry, age, disability, lawful source of income, marital status, sexual orientation, gender identity or expression, past or present membership in the military service, familial status, or based upon affiliation with, or perceived affiliation with any of these categories as provided by Section 109-9 of the Milwaukee Code of Ordinance This provision must be included in all subcontracts. (b) Contractor agrees that they will comply with all applicable requirements of the Americans with Disabilities Act of 1990, 42 U.S.C. 12101 et seq. (c) both parties understand that the City is bound by the Wisconsin Public Records Law, and as such all of the terms of this Agreement are subject to and conditioned on the provisions of Wis. Stat. Section 19.21, et seq. Contractor acknowledges that it is obligated to assist the City in retaining and producing records that are subject to Wisconsin Public Records Law, and that the failure to do so shall constitute a material breach of this Agreement, and that the Contractor must defend and hold the City harmless from liability under that law. Except as otherwise authorized, those records shall be maintained for a period of seven (7) years after receipt of final payment under this Agreement.

Successful bidder will be required to complete an Affidavit of Compliance/Disclosure of Participation in or Profits Derived from Slavery by Contractors before contract can be executed, if the company was established in or before 1865.

Small Business Enterprise (SBE) requirement for this project is 25% of the contract base bid.
For a complete listing of City of Milwaukee certified SBE firms please contact the Office of Small Business Development at 414-286-5534. More information can be found at www.milwaukee.gov/osbd

This bid includes a Local Business(LBE) incentive in accordance with Chapter 365 Milwaukee Code of Ordinances.

IT IS YOUR RESPONSIBILITY AS A BIDDER TO FAMILIARIZE YOURSELF WITH THIS ORDINANCE PRIOR TO SUBMITTING YOUR BID.



This bid includes Socially-Responsible Contractors (SRC) incentive in accordance with Chapter 310 Milwaukee Code of Ordinances. More information can be found at <https://city.milwaukee.gov/Purchasing/Programs/Socially-Responsible-Contractors-SRC-Program>.

COPIES OF THE CONTRACT DOCUMENTS MAY BE OBTAINED ELECTRONICALLY AT <http://city.milwaukee.gov/Demobids>

PRINTED COPIES MAY BE PURCHASED IN PERSON AT THE DEPARTMENT OF NEIGHBORHOOD SERVICES AT THE ADDRESS SHOWN BELOW. THE COST IS \$.20 PER PAGE.

Anyone who requires an auxiliary aid or service for this event should contact the City of Milwaukee ADA Coordinator @ (414) 286-3475 or ADACoordinator@milwaukee.gov as soon as possible but *no later than 72 hours before the scheduled event.*

This material is available in alternative formats for individuals with disabilities upon request. Please contact the City of Milwaukee ADA Coordinator @ (414) 286-3475 or ADACoordinator@milwaukee.gov. Provide a 72 hour advance notice for large print and 7 days for braille documents.

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	Contact the City of Milwaukee ADA Coordinator at (414) 286-3475 or ADACoordinator@milwaukee.gov .

DEPARTMENT OF NEIGHBORHOOD SERVICES
OF THE CITY OF MILWAUKEE
841 NORTH BROADWAY RM 105
MILWAUKEE WI 53202-3650

January 21, 2020
January 22, 2020

BID DOCUMENTS
FOR
MECHANICAL DEMOLITION PROJECT
OPENING TUESDAY, FEBRUARY 4, 2020

Milwaukee, Wisconsin

DEPARTMENT OF NEIGHBORHOOD SERVICES

CITY OF MILWAUKEE

Room 105

841 North Broadway

Milwaukee, Wisconsin 53202-3650

**WHEN SUBMITTING A BID FOR THIS PROJECT, PLEASE
USE FORMS INCLUDED IN THIS PACKET.**

5.0.0

TECHNICAL SPECIFICATIONS

(for this contract only)

5.1.0. PARCEL LOCATIONS AND DESCRIPTION OF STRUCTURES FOR MECHANICAL DEMOLITION PROJECT OPENING TUESDAY, FEBRUARY 4, 2020

Parcel numbers, street addresses, approximate sizes of main structures to be demolished under this contract are listed in Section 5.7.0.

5.2.0. WORK BY OTHERS

Certain disconnections from utilities to be made by others are noted under sec. 4.3.23., entitled "Utility Services: Protection and Disconnection."

5.3.0. WORK NOT INCLUDED IN CONTRACT

- A. Work mentioned in Technical Specifications as not being a part of this contract.
- B. Replacing of curb and walk removed in connection with demolition of street walk basements (sidewalk vaults).
- C. Trees which are not damaged and are not obstructions to demolition as interpreted by the Commissioner, or unless otherwise noted in the Technical Specifications.

5.4.0. DEMOLITION WORK WITHIN PARCELS

- A. The structures, including foundation walls, columns, piers, floors, partitions, and attached appurtenances shall be removed down to a level two feet below the present ground level unless otherwise noted in Section 5.6.0 SCHEDULE OF DETAILED WORK WITHIN PARCELS and in any case two feet below the accepted finished grade by any method allowable under the City Building Code except for the following provisions.
- B. It shall be understood that the Contractor shall take whatever precautions are necessary to protect the City sidewalk. The Contractor shall also provide protection to the electric power poles and lines.
- C. The Contractor shall remove all portions of footing and foundation walls to a depth of two feet below finish grade unless otherwise noted in Section 5.6.0 SCHEDULE OF DETAILED WORK WITHIN PARCELS. All building concrete slabs, concrete stoops and concrete stairs to the buildings are also to be removed.
- D. All material and debris which would be disallowed for use as fill by sec. 4.5.6. is to be completely removed from the site and properly disposed of in accordance with all Environmental Requirements (as defined in sec. 4.5.1. above), except with the express advance, written permission of the Commissioner.
- E. All concrete or masonry floors below existing grade shall be broken up to pieces no larger than approximately one foot in all directions to permit fill to drain.

5.5.0. SCHEDULE OF DRAWINGS

5.6.0. SCHEDULE OF DETAILED WORK WITHIN PARCELS (ALL WORK TO BE DONE IN ACCORDANCE WITH THE CITY OF MILWAUKEE DEPARTMENT OF NEIGHBORHOOD SERVICES DEMOLITION AND SITE CLEARANCE GENERAL SPECIFICATIONS (1999 REVISION))

Parcel 1 — 2339 North 20th Street – 1.5-story frame 1-family dwelling

Remove fire-damaged dwelling, fences, concrete patio in the rear yard, driveway, sidewalks and concrete steps. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. PLEASE NOTE THAT THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO ALL AREAS OF THE DWELLING DUE TO THE FIRE DEBRIS. ON-SITE MONITORING BY A CERTIFIED ASBESTOS SPECIALIST WILL BE REQUIRED DURING DEMOLITION. THIS COST SHOULD BE INCLUDED IN THE BID PRICE. (6 days to complete)**

Parcel 2 – 3047 North 21st Street – 2-story frame 2-family FRONT dwelling &
2-story masonry 2-family REAR dwelling

Remove front and rear dwellings, sidewalks, railings, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection reports from Harenda Management Group are included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORTS FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (10 days to complete)**

Parcel 3 – 3274 North 21st Street – 2-story frame 2-family dwelling

Remove fire-damaged dwelling, fences, sidewalks, concrete steps and railings. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. PLEASE NOTE THAT THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO ALL AREAS OF THE DWELLING DUE TO THE FIRE DEBRIS. ON-SITE MONITORING BY A CERTIFIED ASBESTOS SPECIALIST WILL BE REQUIRED DURING DEMOLITION. THIS COST SHOULD BE INCLUDED IN THE BID PRICE. (6 days to complete)**

Parcel 4 – 3278 North 21st Street – 1-story frame 1-family dwelling

Remove fire-damaged dwelling, garage slab, sidewalks, concrete steps, trees, bushes and shrubs and alley approach. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. PLEASE NOTE THAT THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO THE INTERIOR OF THE DWELLING DUE TO THE FIRE DAMAGE. ON-SITE MONITORING BY A CERTIFIED ASBESTOS SPECIALIST WILL BE REQUIRED DURING DEMOLITION. THIS COST SHOULD BE INCLUDED IN THE BID PRICE. (6 days to complete)**

Parcel 5 – 3010 North 24th Street – 2-story frame 1-family dwelling

Remove fire-damaged dwelling, fences on the north and west sides of property, garage slab, sidewalks, concrete steps, trees, bushes and shrubs. Splashboards or barricades required during demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (10 days to complete)**

Parcel 6 – 3257 North 26th Street – 2-story frame 2-family dwelling & 1-story frame garage

Remove fire-damaged dwelling and garage, garage slab, fences, sidewalks, trees, bushes and shrubs and garage approach. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. PLEASE NOTE THAT THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO ALL AREAS OF THE DWELLING DUE TO THE FIRE DAMAGE. ON-SITE MONITORING BY A CERTIFIED ASBESTOS SPECIALIST WILL BE REQUIRED DURING DEMOLITION. THIS COST SHOULD BE INCLUDED IN THE BID PRICE. (6 days to complete)**

Parcel 7 – 3743 North 26th Street – 2-story frame 1-family dwelling & 1-story frame garage

Remove fire-damaged dwelling and garage, frame shed, retaining wall, fences, garage slab, sidewalks, concrete steps, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. PLEASE NOTE THAT THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO ALL AREAS OF THE DWELLING DUE TO THE FIRE DAMAGE. ON-SITE MONITORING BY A CERTIFIED ASBESTOS SPECIALIST WILL BE REQUIRED DURING DEMOLITION. THIS COST SHOULD BE INCLUDED IN THE BID PRICE. (6 days to complete)**

Parcel 8 – 3744 North 27th Street – 2-story frame 2-family dwelling & 1-story frame garage

Remove dwelling and garage, fences, parking and garage slabs, sidewalks, concrete steps, trees, bushes and shrubs, and alley approach. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (6 days to complete)**

Parcel 9 – 5236 North 38th Street – 2-story frame 1-family dwelling & 1-story frame garage

Remove fire-damaged dwelling and garage, garage slab, fences, sidewalks, concrete steps and garage approach. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (6 days to complete)**

Parcel 10 – 2213-15 North 44th Street – 2-story frame 2-family dwelling

Remove fire-damaged dwelling, sidewalks, concrete steps and bushes and shrubs. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (8 days to complete)**

Parcel 11 – 5418 West Fond du Lac Avenue – 2-story frame 2-family dwelling & 1-story frame garage

Remove dwelling and garage, garage slab, sidewalks and concrete steps. Splashboards or barricades required during demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. Note that report from HMG indicates that all floors in the house are covered with furniture, boxes and debris. (5 days to complete)**

Parcel 12 – 2978 North Mother Simpson Way – 2-story frame mixed use building
(1 residential unit)

Remove fire-damaged mixed use building, fences on the north and west sides of the property and concrete steps. There is no alley access to this building. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. PLEASE NOTE THAT THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO ALL AREAS OF THE BUILDING DUE TO THE FIRE DAMAGE. ON-SITE MONITORING BY A CERTIFIED ASBESTOS SPECIALIST WILL BE REQUIRED DURING DEMOLITION. THIS COST SHOULD BE INCLUDED IN THE BID PRICE. (5 days to complete)**

Refer to Section 5.7.0 for ownership information on the parcels.

The City of Milwaukee has contacted We Energies to cut gas and electrical services. Contractor is responsible for verifying that ALL utilities have been disconnected prior to starting work.

REQUIRED EROSION CONTROL MEASURES FOR PARCELS: CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AN EROSION CONTROL PERMIT AND INSTALLING CONTROL MEASURES PER THE REQUIREMENTS OF CHAPTER 290 OF THE MILWAUKEE CODE OF ORDINANCES. MEASURES MUST BE IN PLACE PRIOR TO DEMOLITION ACTIVITIES COMMENCING. CONTROL MEASURES MUST BE INTACT AT FINAL INSPECTION AND ARE TO REMAIN ON SITE.

FAILURE TO REQUEST OPEN BASEMENT INSPECTION WILL RESULT IN THE INSPECTOR REQUIRING COMPLETE RE-EXCAVATION OF THE PARCEL.

CONTRACTOR IS REQUIRED TO CONTACT THIS DEPARTMENT TO ARRANGE FOR AN INSPECTION IF ADDITIONAL ASBESTOS-CONTAINING MATERIALS ARE FOUND IN THE BUILDING AFTER ASBESTOS ABATEMENT OR DEMOLITION HAS COMMENCED.

IF MORE THAN 5 WASTE TIRES ARE REMOVED FROM ANY SITE, THEY MUST BE TRANSPORTED BY A LICENSED WASTE TIRE TRANSPORTER. LICENSED TRANSPORTER MUST BE LISTED IN THE LIST OF SUBCONTRACTORS SUBMITTED WITH THE BID DOCUMENTS IF OTHER THAN PRIME CONTRACTOR. FOR INFORMATION ON LICENSED TRANSPORTERS, CONTACT CITY OF MILWAUKEE WASTE TIRE COORDINATOR AT 414-286-5028.

MANAGEMENT OF ANY MERCURY-CONTAINING PRODUCTS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

MANAGEMENT OF ANY PCB'S OR PCB-CONTAINING PRODUCTS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS, INCLUDING CHAPTER NR157 OF THE WISCONSIN ADMINISTRATIVE CODE.

ANY REFRIGERANTS ON SITES MUST BE RECLAIMED BY A CERTIFIED CFC RECLAIMER. CERTIFIED RECLAIMER MUST BE LISTED IN THE LIST OF SUBCONTRACTORS SUBMITTED WITH THE BID DOCUMENTS IF OTHER THAN PRIME CONTRACTOR.

IF THE DEPARTMENT OF NEIGHBORHOOD SERVICES (DNS) HAS BEEN HOLDING A CONTRACT PAYMENT FOR A YEAR AND STILL HAS NOT RECEIVED REQUIRED DOCUMENTATION FROM THE CONTRACTOR TO CLOSE OUT THE CONTRACT, DNS MAY NOTIFY THE CONTRACTOR THAT UNLESS THE DOCUMENTATION IS FORTHCOMING WITHIN THIRTY (30) DAYS, THE PAYMENT WILL BE FORFEITED.

**5.7.0. LOCATIONS AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED.
(SEE ATTACHED)**

DEPARTMENT OF NEIGHBORHOOD SERVICES DEMOLITION PROJECTS

FORMAL BIDS

The complete Bid Documents shall include Bids for Demolition form, one Noncollusion Affidavit of Prime Bidder, one Bid Bond form, one Bid Bond Form Affidavit, one Certificate as to Corporate Principal, a complete List of Subcontractors, a completed Form B (Compliance Plan for SBE participation) and the Price Breakdown Sheet.

The demolition contractor must include the plumbing contractor, asbestos abatement contractor, certified CFC reclaimer, licensed waste tire transporter and concrete contractor in the List of Subcontractors.

If any bidder has any questions as to the Bid Documents or Specifications, please contact this office by calling 414-286-2515.

BID FOR DEMOLITION

Department of Neighborhood Services
841 North Broadway
Milwaukee, Wisconsin

Gentlemen:

1. The undersigned, having familiarized _____ with the existing conditions on the Project Area affecting the cost of the work, and with the Contract Documents revised January, 1999, (which includes Invitation for Bids, Instruction to Bidders, the form of Bid, the form of the Bid Bond, Form of Contract (or agreement), form of Non-Collusion Affidavit, Addenda (if any), General Conditions, Technical Specifications, Drawings (as listed in the schedule of drawings), and Form of Surety Bond or Bonds); hereby proposes to furnish all supervision, technical personnel, labor, materials, machinery, tools, equipment and services including utility and transportation services and to perform and complete all work required for the demolition of thirteen (13) primary buildings and five (5) secondary buildings located in the City of Milwaukee, for mechanical Demolition Project opening February 4, 2020, all in accordance with the above-listed documents;

(a) for the lump sum of _____ Dollars
(\$ _____), in addition to and above the value of such salvage materials specified to become the property of the Bidder;

(b) in consideration of any salvaged materials which under the Contract Documents are to become the property of the Bidder and other benefits, will pay the Department of Neighborhood Services of the City of Milwaukee, the sum of

_____ Dollars
(\$ _____),

(Bidder will strike out the subparagraph (a) or (b) not used.)

2. In submitting this Bid, the Bidder understands that the right is reserved by the Commissioner of the Department of Neighborhood Services of the City of Milwaukee to reject any and all Bids as provided in sec. 2.8.2. of the Instructions To Bidders. If written notice of the acceptance of this Bid is mailed, faxed or delivered to the undersigned within sixty (60) calendar days after the opening thereof, or at any time thereafter before this Bid is withdrawn, the undersigned agrees to execute and deliver an Agreement in the prescribed form and furnish the required bond within fourteen (14) calendar days after the agreement is presented to him or her for signature.

3. A Bid Guaranty equal in amount to at least 10% of the total bid is enclosed, which certified check, bank draft or bid bond is submitted as a guaranty of the good faith of the Bidder and as a further guaranty that the Bidder will enter into the written Contract as provided, if successful in securing the award thereof. It is hereby agreed that if at any time other than as provided in the Instructions to Bidder, the Bidder should withdraw this Bid, or if this Bid is accepted and there should be a failure on the part of the Bidder to execute the Contract and furnish the required surety bond or bonds, the Department of Neighborhood Services, in either of such events, shall be entitled and is hereby given the right to retain said Bid Guaranty.

4. Attached hereto is an affidavit in proof that the undersigned has not colluded with any person in respect to this Bid or any other Bid for the Contract for which this Bid is submitted.

5. The Bidder is prepared to submit a financial and experience statement upon request.

Date _____, 20____.

Company Name

OFFICIAL ADDRESS

By_____

TITLE _____

3.2.0. NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

STATE OF _____)
_____)SS
COUNTY OF _____)

_____, being first duly sworn, deposes and says that:

- (1) S/he is _____,
(owner, partner, officer, representative or agent)
of _____, the Bidder that has submitted the attached Bid.
- (2) S/he is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid.
- (3) Such bid is genuine and is not a collusive or sham bid.
- (4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted or to refrain from bidding in connection with such Contract, or has had or will have communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid or of any other Bidder or to fix the overhead, profit or cost element of the bid price or the bid price of any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Department of Neighborhood Services of the City of Milwaukee or any person interested in the proposed Contract.
- (5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.
- (6) Attached and following this affidavit is a full and complete list of all subcontractors and the class of work to be performed by each, which the Bidder proposes to use.

Subscribed and sworn to before me
this ____ day of _____, 20____

Notary Public, Milwaukee County, WI

Title

My commission expires: _____

Rev. 1/00

3.8.0.

BID BOND AFFIDAVIT

STATE OF WISCONSIN)SS
MILWAUKEE COUNTY)

_____ ,

being first duly sworn, on oath deposes and says that s/he is

(Attorney-in-fact or agent)

of _____

surety on the within bond executed by

Affiant further deposes and says that no Commissioner or employee of the Department of Neighborhood Services of the City of Milwaukee, and no City official or employee of the City of Milwaukee has any interest, directly or indirectly in, or is receiving any premium, commission, fee or other thing of value on account of the sale or furnishing of said bid bond.

Subscribed and sworn to before me this

_____ day of _____, 20_____

Notary Public, Milwaukee County, Wisconsin

My commission expires _____

Rev. 1/00

3.7.0. CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the
_____ Secretary of the corporation
named as Principal in the within bond; that
_____, who signed the said bond on
behalf of the Principal was then _____
of said corporation; that I know his signature, and his signature thereto is genuine, and that said
bond was duly signed, sealed, and attested to for and in behalf of said corporation by authority of its
governing body.

_____ (Corporate)
Title _____ (Seal)

3.3.0.**COMPLETE LIST OF SUBCONTRACTORS**

(Include Plumbing Contractor, Hauling Contractor, Asbestos Abatement Contractor, Certified CFC Reclaimer, Licensed Waste Tire Transporter and Licensed Concrete Contractor)

	Name of Proposed Subcontractor	Class of Work
1.	<hr/> <hr/> <div>Address</div>	<hr/>
2.	<hr/> <hr/> <div>Address</div>	<hr/>
3.	<hr/> <hr/> <div>Address</div>	<hr/>
4.	<hr/> <hr/> <div>Address</div>	<hr/>
5.	<hr/> <hr/> <div>Address</div>	<hr/>
6.	<hr/> <hr/> <div>Address</div>	<hr/>
7.	<hr/> <hr/> <div>Address</div>	<hr/>
8.	<hr/> <hr/> <div>Address</div>	<hr/>

MECHANICAL DEMOLITION PROJECT OPENING 2-4-2020
LOCATION AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED

Parcel Number	Address	Stories	Construc.	Occupancy	Residential Units	Owner	Cubic Footage
1	2339 North 20 th Street	1.5	frame	dwelling	1	PRIV	18,860
2	3047 North 21 st Street	2	frame	dwelling	2	CITY	31,400
	3047 North 21 st Street	2	masonry	REAR dwelling	2	CITY	38,400
3	3274 North 21 st Street	2	frame	dwelling	2	PRIV	25,200
4	3278 North 21 st Street	1	frame	dwelling	1	PRIV	20,240
5	3010 North 24 th Street	2	frame	dwelling	1	PRIV	17,600
6	3257 North 26 th Street	2	frame	dwelling	2	PRIV	28,125
	3257 North 26 th Street	1	frame	garage	-	PRIV	4,000
7	3743 North 26 th Street	2	frame	dwelling	1	CITY	21,500
	3743 North 26 th Street	1	frame	garage	-	CITY	4,000
8	3744 North 27 th Street	2	frame	dwelling	2	CITY	23,000
	3744 North 27 th Street	1	frame	garage	-	CITY	4,400
9	5236 North 38 th Street	2	frame	dwelling	1	PRIV	14,400
	5236 North 38 th Street	1	frame	garage	-	PRIV	3,840
10	2213-15 North 44 th Street	2	frame	dwelling	2	CITY	36,000
11	5418 West Fond du Lac Avenue	2	frame	dwelling	2	PRIV	20,480
	5418 West Fond du Lac Avenue	1	frame	garage	-	PRIV	7,400
12	2978 North Mother Simpson Way	2	frame	mixed use	1	CITY	28,080

Demolition contractor has the responsibility of verifying the listed information before bid is submitted. Bid is to be based upon contractor's own inspection of the structures and sites. No guarantee is made as to the accuracy of the above listed information, and the bid/contract shall not be invalidated by any errors in the descriptions and sizes listed.

CONTRACTOR MUST SUBMIT FORM WITH ALL ORIGINAL SIGNATURES.

BID BOND FORM

KNOW ALL PERSONS BY THESE PRESENTS, That we the undersigned,

(Name of Principal)

as PRINCIPAL, and

_____, as SURETY
(Name of Surety)

are held and firmly bound unto the Department of Neighborhood Services of the City of Milwaukee hereinafter called the "Building Inspector", in the sum of 10 percent of the total bid of:

Parcel 1 _____ Dollars \$ _____

Parcel 2 _____ Dollars \$ _____

Parcel 3 _____ Dollars \$ _____

Parcel 4 _____ Dollars \$ _____

Parcel 5 _____ Dollars \$ _____

Parcel 6 _____ Dollars \$ _____

Parcel 7 _____ Dollars \$ _____

Parcel 8 _____ Dollars \$ _____

Parcel 9 _____ Dollars \$ _____

Parcel 10 _____ Dollars \$ _____

Parcel 11 _____ Dollars \$ _____

Parcel 12 _____ Dollars \$ _____

(bid price in words)

(bid price in numerals)

lawful money of the United States, in addition to and above the value of such salvage materials specified to become the property of the Bidder, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted the accompanying Bid,

dated _____, 20 ____, for DNS PROJECT OPENING 2-4-2020

DEMOLITION OF 13 PRIMARY BUILDINGS AND 5 SECONDARY BUILDINGS

NOW THEREFORE, if the Principal shall be awarded the contract and if his/her Bid shall not have been previously withdrawn in accordance with the provisions of the instructions to Bidders, and if the Principal shall enter into a formal contract with the Building Inspector in accordance with the accepted Bids, said Bid shall be accompanied by good and sufficient surety or sureties for the faithful performance of the work, then this obligation is void and of no effect.

However, in the event that the Principal shall be awarded the contract, his/her Bid not being previously withdrawn in accordance with the instructions to Bidders, and if the Principal shall neglect or fail to execute such contract or to give sufficient surety or sureties within the time specified, or if no time be specified, within 14 days, then the Principal and/or surety shall forfeit to the Building Inspector as liquidated damages the amount of this bond.

Revised 1/01

IN WITNESS WHEREOF, the above-bounded parties have executed this instrument under their several seals this

_____ day of _____, 20____, the names and corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

In presence of:

_____(SEAL)
(Individual Principal)

(Business Address)

_____(SEAL)
(Individual Principal)

(Business Address)

Attest:

_____(SEAL)
(Corporate Principal)

(Business Address)

By _____ affix
corporate
seal

Attest:

(Corporate Surety)

Countersigned

by _____
Attorney-in-Fact

By _____ affix
corporate
Seal

State of _____

Power of attorney for person signing for surety company must be attached to bond

FORM B (3/13)

CITY OF MILWAUKEE DEPARTMENT OF NEIGHBORHOOD SERVICES
AFFIDAVIT OF COMPLIANCE WITH THE
SMALL BUSINESS ENTERPRISE (SBE) PROVISIONS

BIDS DUE: 2-4-2020

The bidders minimum commitment for SBE participation on this project is as follows:

REQUIRED OVERALL PROJECT PARTICIPATION			
	SBE	25%	

The Commissioner of the Department of Neighborhood Services reserves the right to reject and disqualify any bid that does not achieve the percentage requirement for this project. This also applies if the undersigned contractor fails to comply with the City's requirements as outlined in the SBE provisions.

The undersigned hereby states that s/he has not discriminated in any manner on the basis of race, sex, or national origin in any manner in the preparation of the attached bid or selection of subcontractors and/or material suppliers for such bid.

The undersigned acknowledges, understands and agrees that submission of a bid shall commit the bidder to comply with the City's SBE policy to achieve the City's stated percentage requirements for SBE participation on this contract, including submission of the information required by the proposed schedule of subcontractors and/or material suppliers.

CONTRACTOR AFFIRMS THAT THEY WILL MEET THE FOLLOWING MINIMUM SBE PROGRAM REQUIREMENTS: **(BIDDER MUST WRITE IN PERCENTAGE AND SUBMIT WITH BID DOCUMENTS.)**

SBE: _____ %

The undersigned also states that all the submitted SBE information is true and correct to the best of his/her knowledge.

Authorized Signature

Date

Printed Name

Title

Company Name

STATE OF WISCONSIN)
COUNTY OF MILWAUKEE)

Personally came before me this ____ day of _____, ____.

_____ who acknowledges that s/he executed the foregoing document for the purpose therein contained for and on behalf of said company.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

Notary Public, Milwaukee County, WI

My Commission expires: _____

PRICE BREAKDOWN

NO.	PARCEL ADDRESS	ASBESTOS ABATEMENT	DEMOLITION DWELLING	DEMOLITION GARAGE	TOTAL
1	2339 North 20 th Street (dwelling)				
2	3047 North 21 st Street (front & rear dwellings)				
3	3274 North 21 st Street (dwelling)				
4	3278 North 21 st Street (dwelling)				
5	3010 North 24 th Street (dwelling)				
6	3257 North 26 th Street (dwelling & garage)				
7	3743 North 26 th Street (dwelling & garage)				
8	3744 North 27 th Street (dwelling & garage)				
9	5236 North 38 th Street (dwelling & garage)				
10	2213-15 North 44 th Street (dwelling)				
11	5418 West Fond du Lac (dwelling & garage)				
12	2978 North Mother Simpson Way (mixed use building)				

NOTE: If bidder fails to list price breakdown for garage, it will be assumed that the cost to the City of Milwaukee for demolishing the garage is \$0.



DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION

Revised December 28, 2016

**LOCAL BUSINESS ENTERPRISE (LBE) PROGRAM
AFFIDAVIT OF COMPLIANCE**

IMPORTANT: This form must be submitted with your bid to be considered for LBE status.

Bid/RFP #: _____

Company Name: _____

Address: _____

City, State, Zip _____

This signed and notarized affidavit of compliance will be the contractor's sworn statement that the business satisfies all of the following criteria:

1. Operates a business, or owns or leases property within the geographical boundaries of the City of Milwaukee. Post office boxes shall not suffice to establish status as a Local Business Enterprise.
2. A residential address may suffice to establish compliance as a Local Business Enterprise, but only if the business does not operate another business, or own or lease other real property, either within or outside the geographical boundaries of the City of Milwaukee.
3. Leased property shall not suffice to establish compliance as a Local Business Enterprise unless at least half of the acreage of all the real property owned or leased by the business is located within the geographical boundaries of the City of Milwaukee.
4. Has been doing business in the City of Milwaukee for at least one (1) year.
5. The business is not delinquent in the payment of any local taxes, charges or fees, or the business has entered into an agreement to pay any delinquency and is abiding by the terms of the agreement.
6. The business will perform at least 10% of the monetary value of the work required under the contract.

IMPORTANT: Is your business certified as a Small Business Enterprise (SBE) with the City of Milwaukee?

Please Select: ____ Yes or ____ No

NOTE: If you are the primary owner of more than one business location and the other business location(s) is not located within the geographical boundaries of the City of Milwaukee, the business you are seeking to qualify as a Local Business Enterprise must serve as the primary functionally operational entity that is capable of providing the required services, commodities, or supplies for the purposes of this Bid/RFP. If you own more than one business, please list the name of the business(es) and their addresses on the "Business Property Location" form.

SITE VISITS: Please note the contractor agrees to allow the City to verify Local Business Enterprise status by allowing City Staff to visit the operation(s) of the business that is seeking Local Business Enterprise status at any time without notice, in an effort to maintain the integrity of the City's bidding process.

I hereby declare compliance with the City of Milwaukee Code of Ordinances Chapter 365.

Authorized Signature: _____

Printed Name: _____

Date: _____

NOTARIZATION

Subscribed to before me on this _____ day of _____ in the year _____, at
_____ County, _____ State.

NOTARY PUBLIC SIGNATURE: _____

(SEAL)

PRINT NAME: _____

My commission expires: _____

PLEASE SUBMIT THIS FORM WITH YOUR BID OR PROPOSAL TO:

**841 NORTH BROADWAY, ROOM 105
MILWAUKEE, WISCONSIN 53202**



DEPARTMENT OF NEIGHBORHOOD SERVICES

LOCAL BUSINESS ENTERPRISE (LBE) PROGRAM
BUSINESS PROPERTY LOCATION FORM

Important Note: This form must be submitted with your bid to be considered for LBE status.

Bid / RFP # _____

Property Location 1 Check one: Own ☐ Lease ☐

Name:	
Address:	
City, State, Zip	

Property Location 2 Check one: Own ☐ Lease ☐

Name:	
Address:	
City, State, Zip	

Property Location 3 Check one: Own ☐ Lease ☐

Name:	
Address:	
City, State, Zip	

Property Location 4 Check one: Own ☐ Lease ☐

Name:	
Address:	
City, State, Zip	

PLEASE SUBMIT THIS FORM WITH YOUR BID TO:

DEPT. OF NEIGHBORHOOD SERVICES
841 NORTH BROADWAY, ROOM 105
MILWAUKEE, WISCONSIN 53202

Socially-Responsible Contractors (SRC) Application

- A. If the bids of two or more socially-responsible contractors do not exceed the lowest bid by more than 5%, the contract shall be awarded to the socially-responsible contractor that submitted a bid that exceeded the lowest bid by the smallest amount.
- B. If a bid submitted by a non-socially-responsible contractor and a bid submitted by a socially-responsible contractor are identical, the contract shall be awarded to the socially-responsible contractor, even if the bids are only identical due to the 5% award standard provided for in this chapter.
- C. If two bids submitted by two socially-responsible contractors are identical, the winner will be determined in accordance with the process for tie-breakers as established by the City Purchasing Director.
- D. If the difference between the low bidder's amount and the lowest socially-responsible contractor amount is within 5% of the low bidder and exceeds \$25,000, then the provisions in SRC Application - point A shall not apply.
- E. SRC Application – point A shall only be applied to the “base bid”.
- F. If a bidder or proposer is seeking to qualify for the SRC bid incentive, that bidder or proposer may not also seek to qualify for the City's other bid incentive programs such as the Local Business Enterprise (LBE) bid incentive (city.milwaukee.gov/Purchasing/Programs) or the Buy American bid incentive (city.milwaukee.gov/Purchasing/Programs). Should there be a conflict between multiple bidders that are seeking to qualify for these incentives, precedence shall be given to the bidder seeking to qualify for a bid incentive in the following descending order:
1. LBE bid incentive
 2. Buy American bid incentive
 3. SRC bid incentive



DEPARTMENT OF ADMINISTRATION-PURCHASING DIVISION

**SOCIALLY-RESPONSIBLE CONTRACTORS (SRC)
AFFIDAVIT OF COMPLIANCE**

NOTE: This affidavit must be completed in its entirety and submitted with your bid or proposal to be considered for SRC bid incentive.

Bid or RFP #: _____

Company Name: _____

Address, City, State, Zip: _____

A "Socially-Responsible Contractor" or "SRC" is an entity submitting a bid as part of the City's formal competitive bidding process that has acted or implemented a program to eliminate, or significantly reduce, barriers to employment for current and prospective employees of the contractor. Actions or implemented programs shall include at least three (3) of the programs listed in **Section I** below. To indicate which programs you have acted or implemented, place a checkmark in the box next to each item pertaining to the business entity as a bidder or proposer for the City of Milwaukee.

I. SRC CRITERIA

- ☐ A. Hire persons with felony convictions;
- ☐ B. Assist current or prospective employees with earning their high school diploma;
- ☐ C. Underwrite or facilitate industry-linked career-assessed pre-employment services and subsidized work experience including: internships, job shadowing, on-the-job training, and summer employment;
- ☐ D. Partner with an employment service agency to monitor and track individualized employment plans;
- ☐ E. Provide, underwrite, or facilitate industry-linked career-based instruction to current or prospective employees in areas such as the following: blueprint reading, basic math and measurement, technical math, labor history, construction culture and essential skills, health and safety awareness, manufacturing processes and production, maintenance, and budgeting and financial literacy;
- ☐ F. Provide or facilitate occupational skills training and related adult mentoring and networking;
- ☐ G. Underwrite or facilitate subsidized or unsubsidized programs which provide supportive services for current or prospective employees to obtain or fund the following:
 - A valid driver's license
 - Transportation vouchers to work and home
 - Appropriate work attire, work safety gear, and other needed equipment
 - Testing and certification fees
 - Legal aid services
 - Child care and family-related dependent care
 - Emergency housing, health care, and short-term emergency assistance
 - Career and training services
 - School supplies, books, and fees
 - Referrals for medical services and exams
 - Reasonable accommodations for persons with disabilities
- ☐ H. Partner with employment agencies to supplement subsidized wages to ensure employees receive a living wage;
- ☐ I. Provide breast feeding facilities for employees who are nursing children;
- ☐ J. Provide a minimum of 120 hours of paid sick leave;
- ☐ K. Provide a minimum of five (5) paid sick days;
- ☐ L. Provide an employer-assisted housing program providing homebuyer assistance in the form of mortgages, down payment assistance, or homebuyer education for residences within walking distance of their employer;
- ☐ M. Provide assistance to reduce fees and penalties on tardy child support payments, manage payment of child support arrears, and become current on child support obligations.

Continue to the next page to complete Sections II & III

II. DISCLOSURE

The purpose of the *Socially-Responsible Contractor* Program (SRC) is to ensure contributions toward community betterment made by socially-responsible contractors are recognized and rewarded. Each bidder or proposer seeking to qualify for the SRC bid incentive shall submit, as part of its bid or proposal, this sworn affidavit describing actions taken and programs implemented to eliminate, or significantly reduce, the barriers to employment for current and prospective employees of the contractor. The outcomes of these actions and programs shall be described in verifiable detail in the section below. (Please include an attachment if additional line space is required).

This signed and notarized affidavit of compliance will be the contractor's sworn statement that the business satisfies the criteria for Socially-Responsible Contractors pursuant to Chapter 310-10 of the City of Milwaukee Code of Ordinances.

I hereby declare compliance with Chapter 310-10 of the City of Milwaukee Code of Ordinances.

Authorized Signature: _____

Printed Name: _____

Date: _____

III. NOTARIZATION

Subscribed to before me on this _____ day of _____ in the year _____, at
_____ County, _____ State.

NOTARY PUBLIC SIGNATURE: _____

(SEAL)

PRINT NAME: _____

My commission expires: _____

PLEASE SUBMIT THIS FORM WITH YOUR BID OR PROPOSAL TO:
200 E. WELLS STREET, ROOM 601
MILWAUKEE, WISCONSIN 53202
OR FAX TO 414-286-5976



PRE-DEMOLITION INSPECTION REPORT

Job Site:

**Fire Damaged
One Family Dwelling
2339 North 20th Street
Milwaukee, Wisconsin**

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

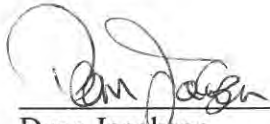
**HMG Report No.: 19-400-037.2339
Inspector: Dean Jacobsen
Contract No.: 360-19-0975**

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204
(414) 383-4800

December 2019

Signature Page
Pre-Demolition Inspection Report
One Family Dwelling
2339 North 20th Street
Milwaukee, Wisconsin



Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/20
Harenda Management Group

December 16, 2019

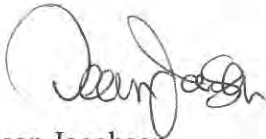
City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

RE: Pre-Demolition Inspection Report
2339 North 20th Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the one family dwelling at 2339 North 20th Street, Milwaukee, Wisconsin, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP



Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the one family dwelling at 2339 North 20th Street, Milwaukee, Wisconsin, prior to demolition. HMG conducted a visual inspection for asbestos and universal wastes. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was detected above 1% in exterior black caulk on the asphalt siding around the windows and doors. Asbestos was assumed to be in the asphalt roofing and in the floor tile and mastic in the dwelling. Results are in Section IV of this report.

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the one family dwelling at 2339 North 20th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with vinyl, asphalt, and wood walls and asphalt roofing.

II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On December 5, 2019, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 2339 North 20th Street, Milwaukee, Wisconsin. The inspection was conducted and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the buildings.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Asphalt shingle siding
- Paper insulation
- Caulk
- Drywall/joint compound
- Plaster
- Linoleum
- Texture
- Floor tile
- Wallpaper
- Asphalt roofing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Appendix A.

Sample #	Location and Description	Results	Homogeneous Code
1a	Exterior – south wall – asphalt shingle siding	Negative	MSS
1b	Exterior – south wall – under asphalt shingle siding - fiber layer	Negative	MSS
2a	Exterior – west wall under vinyl siding – asphalt shingle siding	Negative	MSS
2b	Exterior – west wall under vinyl siding – under asphalt shingle siding - fiber layer	Negative	MSS
3a	Exterior – north wall under vinyl siding – asphalt shingle siding	Negative	MSS
3b	Exterior – north wall under vinyl siding – under asphalt shingle siding - fiber layer	Negative	MSS
4	Exterior – south wall under wood siding – beige paper insulation	Negative	MPIe
5	Exterior – west wall under wood siding – beige paper insulation	Negative	MPIe
6	Exterior – north wall under wood siding – beige paper insulation	Negative	MPIe
7	Exterior – around southwest window on asphalt siding – black caulk	Positive 4% Chrysotile	MCLKk
8	Exterior – on northeast column – gray caulk	Negative	MCLKy
9	1 st floor – front entry top layer – black and gray linoleum	Negative	MFLky
10a	1 st floor – front entry – east wall – joint compound	Negative	MDW
10b	1 st floor – front entry – east wall – drywall	Negative	MDW

Sample #	Location and Description	Results	Homogeneous Code
11a	1 st floor – kitchen – east wall – joint compound	Negative	MDW
11b	1 st floor – kitchen – east wall – drywall	Negative	MDW
12a	1 st floor – bathroom – south wall – joint compound	Negative	MDW
12b	1 st floor – bathroom – south wall – drywall	Negative	MDW
13a	1 st floor – living room – in floor debris – plaster base coat	Negative	SPI
13b	1 st floor – living room – in floor debris – plaster skim coat	Negative	SPI
14a	1 st floor – dining room – in floor debris – plaster base coat	Negative	SPI
14b	1 st floor – dining room – in floor debris – plaster skim coat	Negative	SPI
15a	1 st floor – southeast bedroom – in floor debris – plaster base coat	Negative	SPI
15b	1 st floor – southeast bedroom – in floor debris – plaster skim coat	Negative	SPI
16a	1 st floor – kitchen – in floor debris – plaster base coat	Negative	SPI
16b	1 st floor – kitchen – in floor debris – plaster skim coat	Negative	SPI
17a	1 st floor – pantry – ceiling – plaster base coat	Negative	SPI
17b	1 st floor – pantry – ceiling – plaster skim coat	Negative	SPI
18	1 st floor – north bedroom – on south wall under wood panel – black mastic	Negative	MWMk
19a	1 st floor – north bedroom – on north wall under wood panel – black mastic	Negative	MWMk
19b	1 st floor – north bedroom – on north wall under black mastic – wall paper	Negative	MWP
20a	1 st floor – kitchen – top layer under fire debris – beige linoleum	Negative	MFLe
20b	1 st floor – kitchen – 2 nd layer under fire debris – brown paper insulation	Negative	MPIn
21	1 st floor – kitchen – on west wall under wood panel – brown mastic #2	Negative	MWMn2
22	1 st floor – bathroom – tan and brown linoleum	Negative	MFLtn
23	1 st floor – bathroom – on north wall under tub panel – gold mastic	Negative	MWMd
24	1 st floor – bathroom – on west wall under drywall – tan and gold mastic	Negative	MWMtd
25	1 st floor – back entry – on south wall under wood panel – brown mastic #3	Negative	MWMn3
26	1 st floor – rear stair – on west wall – texture	Negative	STX
27	1 st floor – rear stair – on north wall – texture	Negative	STX
28	1 st floor – rear stair – on east wall – texture	Negative	STX
29a	2 nd floor – east bedroom – in floor debris – joint compound #2	Negative	MDW2
29b	2 nd floor – east bedroom – in floor debris – drywall #2	Negative	MDW2
30a	2 nd floor – center room – in floor debris – joint compound #2	Negative	MDW2
30b	2 nd floor – center room – in floor debris – drywall #2	Negative	MDW2
31a	2 nd floor – west bedroom – in floor debris – joint compound #2	Negative	MDW2
31b	2 nd floor – west bedroom – in floor debris – drywall #2	Negative	MDW2

One (1) of the materials sampled contains greater than 1% asbestos and is an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Black Caulk	MCLKk	Exterior Around Windows & Doors on Asphalt Siding	10 Windows & 1 Door	Category II Non-Friable

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	House Roof	1,000 SF	Category I Non-Friable
Floor Tile & Mastic	Front Entry	30 SF	Category I Non-Friable

Note #1: The black caulk is a category II non friable asbestos containing material. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that the black caulk be abated prior to demolition.

Note #2: Asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials. Under NR 447 they do not currently meet the definition of regulated asbestos containing material (RACM) and need not be removed before demolition if the demolition debris does not become RACM and will be disposed at a Wisconsin licensed landfill.

Note#3: Category I – Non-Friable Asbestos Containing Materials may become RACM during mechanical demolition activities or maybe considered friable prior to demolition activities due to its condition at time of demolition.

Note#4: If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

Note#5: A copy of this report should be transmitted to the demolition contractor.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MSS	Asphalt Shingle Siding
MPle	Beige Paper Insulation
MPIn	Brown Paper Insulation
MCLKk	Black Caulk
MCLKy	Gray Caulk
MFLky	Black & Gray Linoleum
MFLe	Beige Linoleum
MFLtn	Tan & Brown Linoleum
MDW	Drywall/Joint Compound 1 st Floor
MDW2	Drywall/Joint Compound 2 nd Floor
MWMk	Black Wall Panel Mastic
MWMn	Brown Wall Panel Mastic Bedroom
MWMn2	Brown Wall Panel Mastic Kitchen
MWMn3	Brown Wall Panel Mastic Back Entry
MWMd	Gold Wall Panel Mastic
MWMtd	Tan & Gold Wall Panel Mastic
MWP	Wallpaper

V. EXCLUSIONS

All floors covered with fire debris and only partially accessible. Basement stair filled with fire debris – no access to basement. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or inaccessible materials, or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

VI. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

ASBESTOS

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

CFCs and HALONS

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

MERCURY

Products that may contain mercury:

LIGHTING

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

ELECTRICAL SYSTEMS

<u> N/A </u>	Load Meters and Supply Relays
<u> N/A </u>	Phase Splitters
<u> N/A </u>	Microwave Relays
<u> N/A </u>	Mercury Displacement Relays

PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u> N/A </u>	Transformers
<u> N/A </u>	Capacitors (appliances, electronic equipment)
<u> N/A </u>	Heat Transfer Equipment
<u> N/A </u>	Ballasts
<u> N/A </u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u> N/A </u>	Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

<u> N/A </u>	Hazardous Waste
<u> N/A </u>	Oil Tanks
<u> N/A </u>	Well Abandonment
<u> N/A </u>	Junk Auto Tires
<u> N/A </u>	Junk Vehicles

VIII. ASBESTOS LABORATORY RESULTS



Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Harenda Management Group (5065)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 349973

Attn:

Received 12/06/19
Analyzed 12/10/19
Reported 12/13/19

Project:

Location: Wisconsin
Number: 19-400-037.2339

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
349973-001	12/05/19	1	Wisconsin		
Layer 1:	Shingle			None Detected	20% CELLULOSE FIBER
	Black/Gray, Granular/Bituminous/Fibrous				80% NON FIBROUS MATERIAL

Sample was inhomogenous, subsamples of each component were analyzed separately.

Layer 2:	Fibrous Material			None Detected	80% CELLULOSE FIBER
	Tan, Fibrous				20% NON FIBROUS MATERIAL

349973-002	12/05/19	2	Wisconsin		
Layer 1:	Shingle			None Detected	20% CELLULOSE FIBER
	Black, Granular/Bituminous/Fibrous				80% NON FIBROUS MATERIAL

Sample was inhomogenous, subsamples of each component were analyzed separately.

Layer 2:	Fibrous Material			None Detected	80% CELLULOSE FIBER
	Tan, Fibrous				20% NON FIBROUS MATERIAL

349973-003	12/05/19	3	Wisconsin		
Layer 1:	Shingle			None Detected	20% CELLULOSE FIBER
	Black/Gray, Granular/Bituminous/Fibrous				80% NON FIBROUS MATERIAL

Sample was inhomogenous, subsamples of each component were analyzed separately.

Layer 2:	Fibrous Material			None Detected	80% CELLULOSE FIBER
	Tan, Fibrous				20% NON FIBROUS MATERIAL

349973-004	12/05/19	4	Wisconsin		
Layer 1:	Fibrous Material			None Detected	80% CELLULOSE FIBER
	Tan, Fibrous				20% NON FIBROUS MATERIAL

349973-005	12/05/19	5	Wisconsin		
Layer 1:	Fibrous Material			None Detected	80% CELLULOSE FIBER
	Tan, Fibrous				20% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.2339

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
349973-006	12/05/19	6	Wisconsin		
Layer 1:	Fibrous Material			None Detected	80% CELLULOSE FIBER
	Tan, Fibrous				20% NON FIBROUS MATERIAL
349973-007	12/05/19	7	Wisconsin		
Layer 1:	Bituminous Material			4% CHRYSOTILE	96% NON FIBROUS MATERIAL
	Black, Bituminous				
349973-008	12/05/19	8	Wisconsin		
Layer 1:	Brittle Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Brittle				
349973-009	12/05/19	9	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Beige, Organically Bound				
349973-010	12/05/19	10	Wisconsin		
Layer 1:	Powdery Material			None Detected	7% CELLULOSE FIBER
	White, Powdery				3% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Layer 2:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
349973-011	12/05/19	11	Wisconsin		
Layer 1:	Powdery Material			None Detected	7% CELLULOSE FIBER
	White, Powdery				3% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Layer 2:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
349973-012	12/05/19	12	Wisconsin		
Layer 1:	Powdery Material			None Detected	7% CELLULOSE FIBER
	White, Powdery				3% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Layer 2:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.2339

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
349973-013	12/05/19	13	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	3% ANIMAL HAIR 97% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
349973-014	12/05/19	14	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	3% ANIMAL HAIR 97% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
349973-015	12/05/19	15	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	3% ANIMAL HAIR 97% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
349973-016	12/05/19	16	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	3% ANIMAL HAIR 97% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
349973-017	12/05/19	17	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	3% ANIMAL HAIR 97% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
349973-018	12/05/19	18	Wisconsin		
Layer 1: Brittle Material Black, Brittle				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.2339

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
349973-019	12/05/19	19	Wisconsin		
Layer 1: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Fibrous Material Tan, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
349973-020	12/05/19	20	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Fibrous Material Tan, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
349973-021	12/05/19	21	Wisconsin		
Layer 1: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
349973-022	12/05/19	22	Wisconsin		
Layer 1: Tile Beige/Tan, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
349973-023	12/05/19	23	Wisconsin		
Layer 1: Rubbery Material White, Rubbery				None Detected	100% NON FIBROUS MATERIAL
349973-024	12/05/19	24	Wisconsin		
Layer 1: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
349973-025	12/05/19	25	Wisconsin		
Layer 1: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
349973-026	12/05/19	26	Wisconsin		
Layer 1: Granular Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
349973-027	12/05/19	27	Wisconsin		
Layer 1: Granular Material White, Granular				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

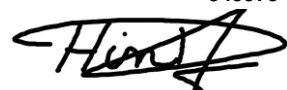
Location: Wisconsin
Number: 19-400-037.2339

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
349973-028	12/05/19	28	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
349973-029	12/05/19	29	Wisconsin		
Layer 1:	Powdery Material			None Detected	7% CELLULOSE FIBER
	White, Powdery				3% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Layer 2:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
349973-030	12/05/19	30	Wisconsin		
Layer 1:	Powdery Material			None Detected	7% CELLULOSE FIBER
	White, Powdery				3% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Layer 2:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
349973-031	12/05/19	31	Wisconsin		
Layer 1:	Powdery Material			None Detected	7% CELLULOSE FIBER
	White, Powdery				3% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Layer 2:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				

EPA Regulatory Limit: 1%**Total layers analyzed on order: 47****349973-12/13/19 12:36 PM**


Analyst **Senhory Abdellatif**


Reviewed By: **Hind Eldanaf**
Microscopy Supervisor

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**SCHNEIDER LABORATORIES GLOBAL, INC.**

2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

349973

X 31



V:3491349973

afowler 12/6/2019 9:45:00 AM

UPS 1Z2E2899846257910

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2339				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input checked="" type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
1	12/5/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time 12/5/19, 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

**SCHNEIDER LABORATORIES GLOBAL, INC.**

2512 West Cary Street, Richmond, Virginia 23220-5117
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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2339				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
11	12/5/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: Date/Time: 12/5/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

**SCHNEIDER LABORATORIES GLOBAL, INC.**

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2339				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
		Asbestos in Bulk	Metals Total	TCLP	Microbiology
<input type="checkbox"/> 2 Hour *	<input type="checkbox"/> Air	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
<input type="checkbox"/> Same day *	<input type="checkbox"/> Paint	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
<input type="checkbox"/> 1 business day	<input type="checkbox"/> Soil	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP	<input type="checkbox"/> Allergens
<input type="checkbox"/> 2 business days	<input type="checkbox"/> Wipe	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury	(w/ organics 10 Day)	
<input type="checkbox"/> 3 business days	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> Gravimetric Prep			
<input checked="" type="checkbox"/> 5 business days	<input type="checkbox"/> Waste Water				
* not available for all tests	<input type="checkbox"/> Ground Water	Asbestos in Air	Gravimetric	Miscellaneous	Sub-Contract
** past 3 PM the TAT will begin next business day	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM Chatfield
Please schedule rush tests in advance	<input type="checkbox"/> TSP / PM10	<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> TEM AHERA
	<input type="checkbox"/>				<input type="checkbox"/> TEM 7402
					<input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
21	12/5/19								
22									
23									
24									
25									
26									
27									
28									
29									
30									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time 12/5/19/2020

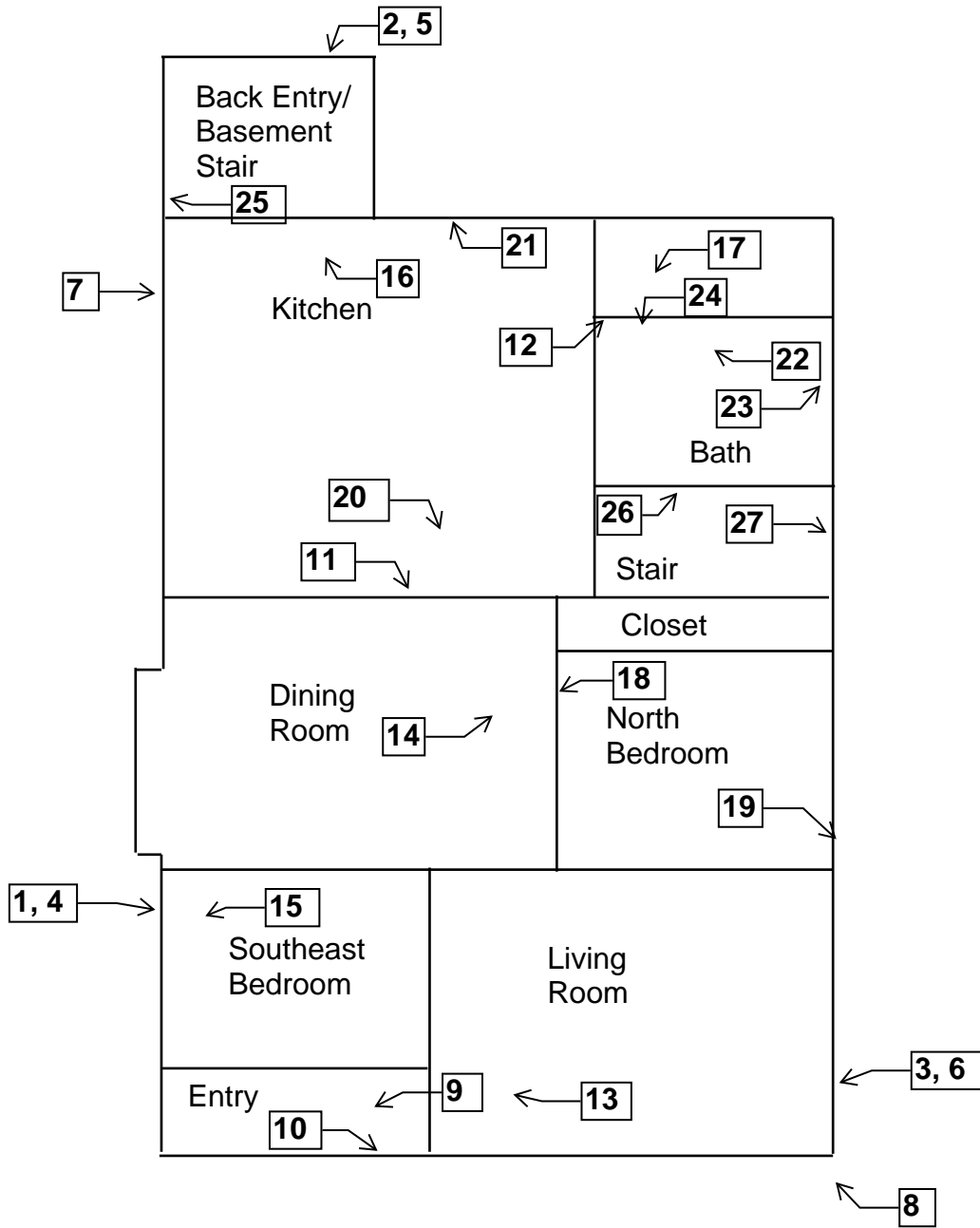
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

IX. FLOOR PLANS

**Two Family Dwelling
2339 North 20th Street
Milwaukee, Wisconsin**



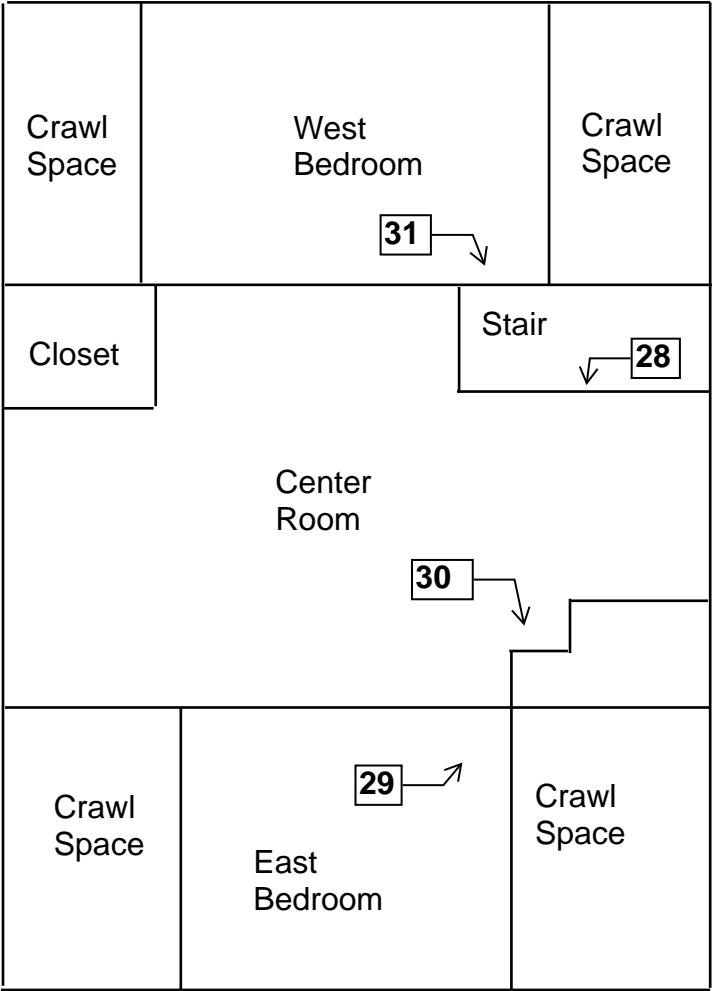
1st Floor Plan





Two Family Dwelling
2339 North 20th Street
Milwaukee, Wisconsin

2nd Floor Plan



X. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company -- Primary

Certificate Issue Date: 07/23/2019
Expiration Date: 08/31/2021, 12:01 a.m.
Certification #: CAP-480540

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876



Miriam Hasan
Miriam Hasan, Unit Supervisor

Good Armstrong Training & Consulting, Inc.

1345 N Jefferson Street #147 Milwaukee WI 53202 (414) 645-7600

Good Armstrong Training & Consulting, Inc. hereby certifies that

Dean T Jacobsen



has attended a 4-hour asbestos training class conducted 11/25/2019 - 11/25/2019 at
GATC Training Center, 159 N Jackson Street, Suite 103, Milwaukee WI 53202 and successfully passed
the course test administered on 11/25/2019
thereby meeting the qualification requirements for

Asbestos Inspector Refresher

This training course complies with the requirements of TSCA Title II and is accredited by the State of Wisconsin, Department of Health Services
under ch. DHS 159, Wis. Admin. Code. (GATC Course #415)

In recognition of this accomplishment, Good Armstrong Training & Consulting, Inc. hereby awards
certificate #22340 which expires on 11/25/2020.

Attested this date of 11/25/2019 by :



Luella Wolbrink, Representative



DECONSTRUCTION INSPECTION REPORT

Job Site:

**Two Family Dwelling
3047 North 21st Street
Milwaukee, Wisconsin**

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

**HMG Report No.: 18-400-024.3047
Inspector: Dean Jacobsen
Contract No.: 360-18-0975**

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204
(414) 383-4800

April 2018

Signature Page
Deconstruction Inspection Report
Two Family Dwelling
3047 North 21st Street
Milwaukee, Wisconsin



Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/18
Harenda Management Group

April 20, 2018

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report
3047 North 21st Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3047 North 21st Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP



Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 3047 North 21st Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in tar on roof flashing, joint compound on drywall, beige and gold linoleum, and duct wrap sampled during the inspection. Asbestos was detected below 1% in window glazing compound. Results are in Section IV of this report.

Lead was detected in paint on the interior brick walls. Results are in Section V of this report.

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 3047 North 21st Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood siding with asphalt roofing.

II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On April 6, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 3047 North 21st Street, Milwaukee, Wisconsin. The inspection was conducted and report written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper insulation
- Blown in insulation
- Glazing compound
- Caulk
- Asphalt roofing
- Roof flashing
- Tar paper
- Wall paper
- Texture
- Plaster
- Drywall/joint compound
- Linoleum
- Floor tile
- Stair tread

- Duct wrap
- Flue packing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite,/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Appendix A.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall under wood siding – tan paper insulation	Negative	MPIt
2	Exterior – north wall under wood siding – tan paper insulation	Negative	MPIt
3	Exterior – south wall under wood siding – tan paper insulation	Negative	MPIt
4	Exterior – in east wall – blown in insulation	Negative	MBI
5	1 st floor – living room – in south wall – blown in insulation	Negative	MBI
6	Attic – on floor – blown in insulation	Negative	MBI
7	Basement – on north window – glazing compound	Trace <1% Chrysotile	MPG
7	POINT COUNT RESULT	Trace <0.25% Chrysotile	MPG
10	Exterior – on south basement window – gray caulk	Negative	MCLKy

Sample #	Location and Description	Results	Homogeneous Code
11	Roof – on east aide overhang – tar flashing	Positive 15% Chrysotile	MRF
12	Roof – top layer – brown asphalt shingle	Negative	MRSn
13	Roof – 2 nd layer – black asphalt shingle	Negative	MRSn
14	Roof – bottom layer – tar paper	Negative	MPT
15	1 st floor – front entry floor – brown paper insulation	Negative	MPIn
16a	1 st floor – front entry on south wall – wall paper	Negative	MWP
16b	1 st floor – front entry on south wall – under wall paper – yellow mastic	Negative	MWP
17a	1 st floor – living room – south wall – texture	Negative	STX
17b	1 st floor – living room – south wall – plaster skim coat	Negative	SPI
17c	1 st floor – living room – south wall – plaster base coat	Negative	SPI
18a	1 st floor – west bedroom – west wall – texture	Negative	STX
18b	1 st floor – west bedroom – west wall – plaster skim coat	Negative	SPI
18c	1 st floor – west bedroom – west wall – plaster base coat	Negative	SPI
19a	2 nd floor – stair – east wall – texture	Negative	STX
19b	2 nd floor – stair – east wall – plaster skim coat	Negative	SPI
19c	2 nd floor – stair – east wall – plaster base coat	Negative	SPI
20a	2 nd floor – kitchen – east wall – texture	Negative	STX
20b	2 nd floor – kitchen – east wall – plaster	Negative	SPI
21a	2 nd floor – east bedroom – south wall – texture	Negative	STX
21b	2 nd floor – east bedroom – south wall – plaster skim coat	Negative	SPI
21c	2 nd floor – east bedroom – south wall – plaster base coat	Negative	SPI
22a	1 st floor – living room – ceiling – joint compound	Negative	MDW
22b	1 st floor – living room – ceiling – drywall	Negative	MDW
23a	2 nd floor – hall – ceiling – joint compound	Positive 3% Chrysotile	MDW
23a	2 nd floor – hall – ceiling – joint compound	Positive 1.75 Chrysotile	MDW
23b	2 nd floor – hall – ceiling – drywall	negative	MDW
24	2 nd floor – east bedroom – east wall – drywall	negative	MDW
25	1 st floor – kitchen – east side top layer – brown and tan linoleum	Negative	MFLnt
26	1 st floor – kitchen – east side 2 nd layer – 12” brown and gray floor tile	Negative	MF12ny
27	1 st floor – pantry – 2 nd layer – 12” brown and gray floor tile	Negative	MF12ny
28	1 st floor – bathroom vestibule – 4 th layer – 12” brown and gray floor tile	Negative	MF12ny
29	1 st floor – kitchen – bottom layer – 12” white and green floor tile	Negative	MF12wg
30	1 st floor – pantry – bottom layer – 12” white and green floor tile	Negative	MF12wg
31	1 st floor – bathroom vestibule – 5 th layer – 12” white and green floor tile	Negative	MF12wg
32	1 st floor – bathroom vestibule – top layer – 12” tan and brown floor tile	Negative	MF12tn
33	1 st floor – bathroom – on north wall under panel – tan mastic	Negative	MPMt
34	1 st floor – bathroom vestibule – 6 th layer – gray paper insulation	Negative	MPly
34	1 st floor – bathroom vestibule – bottom layer – tar paper #2	Negative	MPT2
35	1 st floor – stair landing – 5 th layer – 12” cream floor tile	Negative	MF12c
36	1 st floor – stair landing – 6 th layer – 12” cream and blue floor tile	Negative	MF12cb

Sample #	Location and Description	Results	Homogeneous Code
37	1 st floor – bathroom – on tub – beige caulk	Negative	MCLKe
38	1 st floor – stair – on steps – stair tread	Negative	MST
39a	2 nd floor – hall – 12” cream and gray floor tile	Negative	MF12cy
39b	2 nd floor – hall – under 12” cream and gray floor tile – yellow mastic	Negative	MF12cy
40a	2 nd floor – bathroom – top layer – 12” tan and gray floor tile	Negative	MF12ty
40b	2 nd floor – bathroom – top layer – under 12” tan and gray floor tile – yellow mastic	Negative	MF12ty
40c	2nd floor – bathroom – bottom layer – beige and gold linoleum	Positive 35% Chrysotile	MFLeD
41a	2 nd floor – west bedroom – under plywood – 12” tan and gray floor tile	Negative	MF12ty
41b	2 nd floor – west bedroom – under 12” tan and gray floor tile – yellow mastic	Negative	MF12ty
42a	2 nd floor – kitchen – 12” tan and gray floor tile	Negative	MF12ty
42b	2 nd floor – kitchen – under 12” tan and gray floor tile – yellow mastic	Negative	MF12ty
43	2 nd floor – bathroom – on north wall under panel – beige mastic	Negative	MPMe
44	Basement – stair landing – top layer – 12” cream and tan floor tile	Negative	MF12ct
45	Basement – stair landing – bottom layer – cream linoleum	Negative	MFLc
46	Basement – on center boot – duct wrap	Positive 60% Chrysotile	TDW
47	Basement – on north side of chimney – white flue packing	Negative	TFPw
48a	Basement – on east side of chimney – black flue packing top layer	Negative	TFPk
48b	Basement – on east side of chimney – black flue packing bottom layer	Negative	TFPk
49	Basement – on south side of chimney – gray flue packing	Negative	TFPy

Four (4) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Roof Flashing	MRF	Roof at Chimney & on East Side Roof Overhang	10 SF	Good
Joint Compound on Drywall	MDW	1 st Floor Kitchen North/West Walls, 1 st Floor Bathroom Ceiling, 1 st Floor West Bedroom Ceiling Patch, 2 nd Floor Bathroom Ceiling, 2 nd Floor West Bedroom North Wall & Ceiling, 2 nd Floor Pantry Walls & Ceiling, 2 nd Floor East Bedroom North/East/West Walls & Ceiling, 2 nd Floor Living Room East/West/South Walls	1,900 SF	Fair
Beige & Gold Linoleum	MFLeD	2 nd Floor bathroom Under Floor Tile	40 SF	Fair
Duct Wrap	TDW	Basement on Center Boot	2 SF	Fair

One of the materials sampled contains less than 1% asbestos:

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Window Glazing Compound	MPG	Windows on All Floors	19 Windows	Fair

Note #1: The ACMs listed above are friable and category I non friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

Note#2: The window glazing compound contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

- Exposure assessments
- Use of respirators and protective clothing until exposure assessments results are known,
- Using wet methods and HEPA vacuums for cleanup of the joint compound,
- Putting joint compound waste in leak tight asbestos labeled containers

KPH recommends that the window glazing compound be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

Note#3: If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

Note#4: A copy of this report should be transmitted to the deconstruction contractor.

Note#5: Additional duct wrap may be within walls and ceilings.

Homogeneous Material Codes

SPI	Plaster
STX	Texture
MPIt	Tan Paper Insulation
MPIn	Brown Paper Insulation
MPIy	Gray Paper Insulation
MBI	Blown in Insulation
MPG	Glazing Compound
MCLKy	Gray Caulk
MCLKe	Beige Caulk
MRSk	Black Asphalt Shingle
MRSn	Brown Asphalt Shingle
MPT	Tar Paper
MPT2	Tar Paper #2
MRF	Roof Flashing
MWP	Wall Paper
MDW	Drywall/Joint Compound
MFLnt	Brown & Tan Linoleum

Homogeneous Material Codes

MFLe	Beige & Gold Linoleum
MFLc	Cream Linoleum
MF12ny	12" Brown & Gray Floor Tile
MF12wg	12" White & Green Floor Tile
MF12tn	12" Tan & Brown Floor Tile
MF12c	12" Cream Floor Tile
MF12cb	12" Cream & Blue Floor Tile
MF12ty	12" Tan & Gray Floor Tile
MF12cy	12" Cream & Gray Floor Tile
MF12ct	12" Cream & Tan Floor Tile
MPMt	Tan Panel Mastic
MPMe	Beige Panel Mastic
MST	Stair Tread
TFPw	White Flue Packing
TFPy	Gray Flue Packing
TFPk	Black Flue Packing

V. LEAD PAINT INSPECTION

A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 3047 North 21st Street, Milwaukee, Wisconsin, took place on April 6, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

B. Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section IX.

Interior: 3047 North 21st Street, Milwaukee, Wisconsin

- Painted brick was observed on interior basement walls. Lead based paint was not detected.

Exterior: 3047 North 21st Street, Milwaukee, Wisconsin

- Painted brick was observed on the exterior basement walls. Lead based paint was not detected.

The following are the laboratory results.

Site: 3047 North 21st Street, Milwaukee, Wisconsin

Date: 4/6/18

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Exterior	North Wall	Brick	Brown	0.0598
P1	Basement	West Wall	Brick	Gray	0.0816

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

VI. EXCLUSIONS

Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

ASBESTOS

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

CFCs and HALONS

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

MERCURY

Products that may contain mercury:

LIGHTING

<u>4</u>	Fluorescent Lights – 1 st Floor Living Room, 2 nd Floor Hall & Kitchen
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS – 1 Furnace 2nd Floor East Bedroom. 1 Water Heater in Basement

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

ELECTRICAL SYSTEMS – 2 Breaker Boxes in Basement

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>N/A</u>	Ballasts
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

<u>N/A</u>	Hazardous Waste
<u>1</u>	Oil Tanks – Basement
<u>N/A</u>	Well Abandonment
<u>N/A</u>	Junk Auto Tires
<u>N/A</u>	Junk Vehicles

* 5 Gallons Paint in Basement

IX. ASBESTOS LABORATORY RESULTS



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	292852	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	04/09/2018		1237 West Bruce St.
Received By:	Sandra Krivanek		Milwaukee, WI 53204
Date Analyzed:	04/12/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3047

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
002	2	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
003	3	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
004	4	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
005	5	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
006	6	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
007	7	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile <1	NA	CaCO3 Binder

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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Date Analyzed:	04/12/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3047

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	10	Homogeneous	Gray Caulk	Asbestos Not Present	NA	CaCO3 Binder
009	11	Homogeneous	Black Tar	Asbestos Present Chrysotile 15	NA	Tar
010	12	Homogeneous	Brown Shingle	Asbestos Not Present	Glass Fiber 30	Tar Sand
011	13	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber 30	Tar Sand
012	14	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
013	15	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 70	Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

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Date Received:	04/09/2018		1237 West Bruce St.
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Date Analyzed:	04/12/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3047

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	16	Layered	Red Paper	Asbestos Not Present	Cellulose 90	Binder
014a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
015	17	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
015a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
015b		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
016	18	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
016a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	292852	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	04/09/2018		1237 West Bruce St.
Received By:	Sandra Krivanek		Milwaukee, WI 53204
Date Analyzed:	04/12/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3047

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
016b		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
017	19	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
017a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
017b		Layered	Gray Plaster	Asbestos Not Present	Cellulose	5 Gypsum
018	20	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
018a		Layered	Gray Plaster	Asbestos Not Present	Cellulose	5 Gypsum

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	292852	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	04/09/2018		1237 West Bruce St.
Received By:	Sandra Krivanek		Milwaukee, WI 53204
Date Analyzed:	04/12/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3047

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019	21	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
019a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
019b		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
020	22	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Gypsum
020a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum
021	23	Layered	Tan Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3
021a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	292852	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	04/09/2018		1237 West Bruce St.
Received By:	Sandra Krivanek		Milwaukee, WI 53204
Date Analyzed:	04/12/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3047

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022	24	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 10 Glass Fiber 5	Gypsum
023	25	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Glass Fiber 5	CaCO3 Vinyl
024	26	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
025	27	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
026	28	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
027	29	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	292852	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	04/09/2018		1237 West Bruce St.
Received By:	Sandra Krivanek		Milwaukee, WI 53204
Date Analyzed:	04/12/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3047

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
028	30	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
029	31	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
030	32	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
031	33	Homogeneous	Tan Mastic	Asbestos Not Present	NA	Glue CaCO3
032	34	Layered	Tan Paper	Asbestos Not Present	Cellulose 100	
032a		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
033	35	Homogeneous	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	292852	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	04/09/2018		1237 West Bruce St.
Received By:	Sandra Krivanek		Milwaukee, WI 53204
Date Analyzed:	04/12/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3047

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
034	36	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
034a		Layered	Tan Paper	Asbestos Not Present	Cellulose 100	
035	37	Homogeneous	Tan Caulk	Asbestos Not Present	NA	CaCO3 Binder
036	38	Homogeneous	Brown Cove Base	Asbestos Not Present	NA	Vinyl
037	39	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
037a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	292852	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	04/09/2018		1237 West Bruce St.
Received By:	Sandra Krivanek		Milwaukee, WI 53204
Date Analyzed:	04/12/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3047

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
038	40	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
038a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
038b		Layered	Tan Sheet Vinyl	Asbestos Present Chrysotile 35	NA	CaCO3 Vinyl
039	41	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
039a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
040	42	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
040a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	292852	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	04/09/2018		1237 West Bruce St.
Received By:	Sandra Krivanek		Milwaukee, WI 53204
Date Analyzed:	04/12/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3047

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
041	43	Homogeneous	Tan Mastic	Asbestos Not Present	NA	Glue CaCO3
042	44	Homogeneous	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
043	45	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 15	CaCO3 Vinyl
044	46	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
045	47	Homogeneous	Gray Grout	Asbestos Not Present	Wollastonite 30	Gypsum
046	48	Layered	Black Grout	Asbestos Not Present	NA	CaCO3 Sand

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 292852 Client: Harenda Management Group
Account Number: B929 Dean Jacobsen
Date Received: 04/09/2018 1237 West Bruce St.
Received By: Sandra Krivanek Milwaukee, WI 53204
Date Analyzed: 04/12/2018 Project: DNS
Analyzed By: Dee Ammerman Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3047

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
046a		Layered	Yellow Grout	Asbestos Not Present	NA	CaCO3 Sand
047	49	Homogeneous	Gray Grout	Asbestos Not Present	Wollastonite 30	Gypsum

Dee Ammerman, Analyst

4/12/2018

Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Lab No. 292852

☒ Accept ☐ Reject

Report Results (☒ one box)

☒ QuanTEM Website

☐ Other email

Contact Information		Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 18-400-024.3047	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<u>Dean Jacobsen</u>	<u>4/6/18 1700</u>	<u>FedEx</u>	<u>Sandy Krawanek</u>	<u>4-9-18 1000</u>

REQUESTED SERVICES (Please ☒ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
<input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Rush
<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Same Day
<input type="checkbox"/> 1000 Point Count		<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input type="checkbox"/> 24 - Hour
<input type="checkbox"/> Gravimetric Preparation	PCM	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input checked="" type="checkbox"/> 3 - Day
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input type="checkbox"/> 5 - Day

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	<input checked="" type="checkbox"/>				
2	2	<input type="checkbox"/>				
3	3	<input type="checkbox"/>				
4	4	<input type="checkbox"/>				
5	5	<input type="checkbox"/>				
6	6	<input type="checkbox"/>				
7	7	<input type="checkbox"/>				
8	10	<input type="checkbox"/>				
9	4	<input type="checkbox"/>				
10	12	<input checked="" type="checkbox"/>				



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Lab No. <u>292852</u>	
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

Project Information						
Company: Harenda Management Group			Project Name: DNS		Project Location: Milwaukee, WI	
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	13	<input checked="" type="checkbox"/>				
12	14	<input type="checkbox"/>				
13	15	<input type="checkbox"/>				
14	16	<input type="checkbox"/>				
15	17	<input type="checkbox"/>				
16	18	<input type="checkbox"/>				
17	19	<input type="checkbox"/>				
18	20	<input type="checkbox"/>				
19	21	<input type="checkbox"/>				
20	22	<input type="checkbox"/>				
21	23	<input type="checkbox"/>				
22	24	<input type="checkbox"/>				
23	25	<input type="checkbox"/>				
24	26	<input type="checkbox"/>				
25	27	<input type="checkbox"/>				
26	28	<input type="checkbox"/>				
27	29	<input type="checkbox"/>				
28	30	<input type="checkbox"/>				
29	31	<input type="checkbox"/>				
30	32	<input checked="" type="checkbox"/>				



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Lab No. <u>292852</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject

Project Information						
Company: Harenda Management Group			Project Name: DNS		Project Location: Milwaukee, WI	
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	33	<input checked="" type="checkbox"/>				
32	34	<input type="checkbox"/>				
33	35	<input type="checkbox"/>				
34	36	<input type="checkbox"/>				
35	37	<input type="checkbox"/>				
36	38	<input type="checkbox"/>				
37	39	<input type="checkbox"/>				
38	40	<input type="checkbox"/>				
39	41	<input type="checkbox"/>				
40	42	<input type="checkbox"/>				
41	43	<input type="checkbox"/>				
42	44	<input type="checkbox"/>				
43	45	<input type="checkbox"/>				
44	46	<input type="checkbox"/>				
45	47	<input type="checkbox"/>				
46	48	<input type="checkbox"/>				
47	49	<input checked="" type="checkbox"/>				
48		<input type="checkbox"/>				
49		<input type="checkbox"/>				
50		<input type="checkbox"/>				



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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 293168 Client: Harenda Management Group
Account Number: B929 Dean Jacobsen
Date Received: 04/16/2018 1237 West Bruce St.
Received By: Katie Davis Milwaukee, WI 53204
Date Analyzed: 04/17/2018 Project: DNS, 400 PTCT for 292852
Analyzed By: Dee Ammerman Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3047

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	7	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile <0.25 400 Point Count	NA	
002	23	Homogeneous	Tan Joint Compound	Asbestos Present Chrysotile 1.75 400 Point Count	NA	

Dee Ammerman, Analyst

4/17/2018

Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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Lab No. <u>293128</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject
Report Results (<input checked="" type="checkbox"/> one box)	
<input checked="" type="checkbox"/> QuanTEM Website	
<input type="checkbox"/> Other email _____	

Contact Information		Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 18-400-024.3047	
SAMPLED BY: _____	Name: _____ Date: _____	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>[Signature]</i>	<u>4/10/18</u> <u>1:05</u>	<u>Envi</u>	<i>[Signature]</i>	<u>4/10/18</u> <u>1:05</u>

REQUESTED SERVICES (Please <input checked="" type="checkbox"/> the Appropriate Boxes)				
PLM	PLM	TEM	TEM	TURNAROUND TIME
<input type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Rush
<input checked="" type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Same Day
<input type="checkbox"/> 1000 Point Count		<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input checked="" type="checkbox"/> 24 - Hour
<input type="checkbox"/> Gravimetric Preparation	PCM	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/> 3 - Day
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input type="checkbox"/> 5 - Day

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	7	<input checked="" type="checkbox"/>				Quantem Lab No. 292852
2	23	<input checked="" type="checkbox"/>		joint compound		
3		<input type="checkbox"/>				
4		<input type="checkbox"/>				
5		<input type="checkbox"/>				
6		<input type="checkbox"/>				
7		<input type="checkbox"/>				
8		<input type="checkbox"/>				
9		<input type="checkbox"/>				
10		<input type="checkbox"/>				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

X. LEAD LABORATORY RESULTS



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Environmental Chemistry Analysis Report

QuanTEM Set ID: 292835
Date Received: 04/09/18
Received By: Travis Miller
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 04/12/18

Client: Harenda Management Group
Dean Jacobsen
1237 West Bruce St.
Milwaukee, WI 53204
Acct. No.: B929
Project: DNS
Location: Milwaukee, WI
Project No.: 18-400-024.3047

AIHA ID: 101352

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.0598	0.005	%	04/12/18 10:30	P EPA 7000B (1)
002	P2	Paint	Lead	0.0816	0.00491	%	04/12/18 10:30	P EPA 7000B (1)

Authorized Signature: _____

Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

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Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified



www.QuanTEM.com

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Lab No. 292835

☒ Accept ☐ Reject

Report Results (☒ one box)

☒ **QuanTEM Website**

Other email

Contact Information		Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 18-400-024.3047	

Sampled By:	Name:	Date:
-------------	-------	-------

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	4/6/18 1200	FedEx	Jr Mr 18-4-5 10.0	

REQUESTED SERVICES (Please ☒ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis			Units (<input checked="" type="checkbox"/> ONE box only)					Sample Matrix Codes			
						Pb			PPM	Wt %	mg / l	µg / ft ²	µg / m ³			mg / cm ²	
1	pl				B	X				X							
2	pl2				↓	X				X							
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

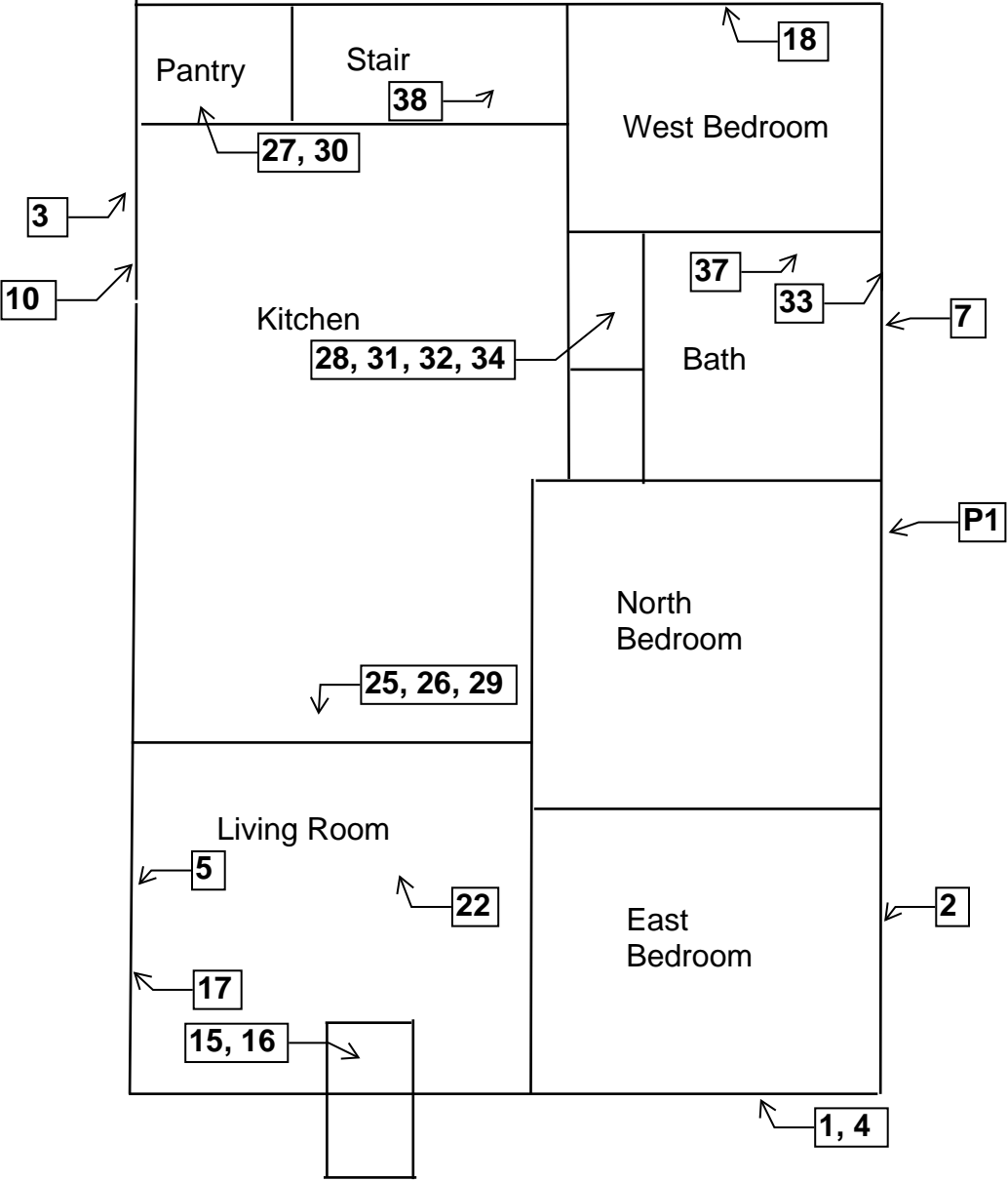
TURNAROUND TIME	
	Same Day
	24~ Hour
<input checked="" type="checkbox"/>	3 - Day
	5 - Day

XI. FLOOR PLANS

Two Family Dwelling
3047 North 21st Street
Milwaukee, Wisconsin



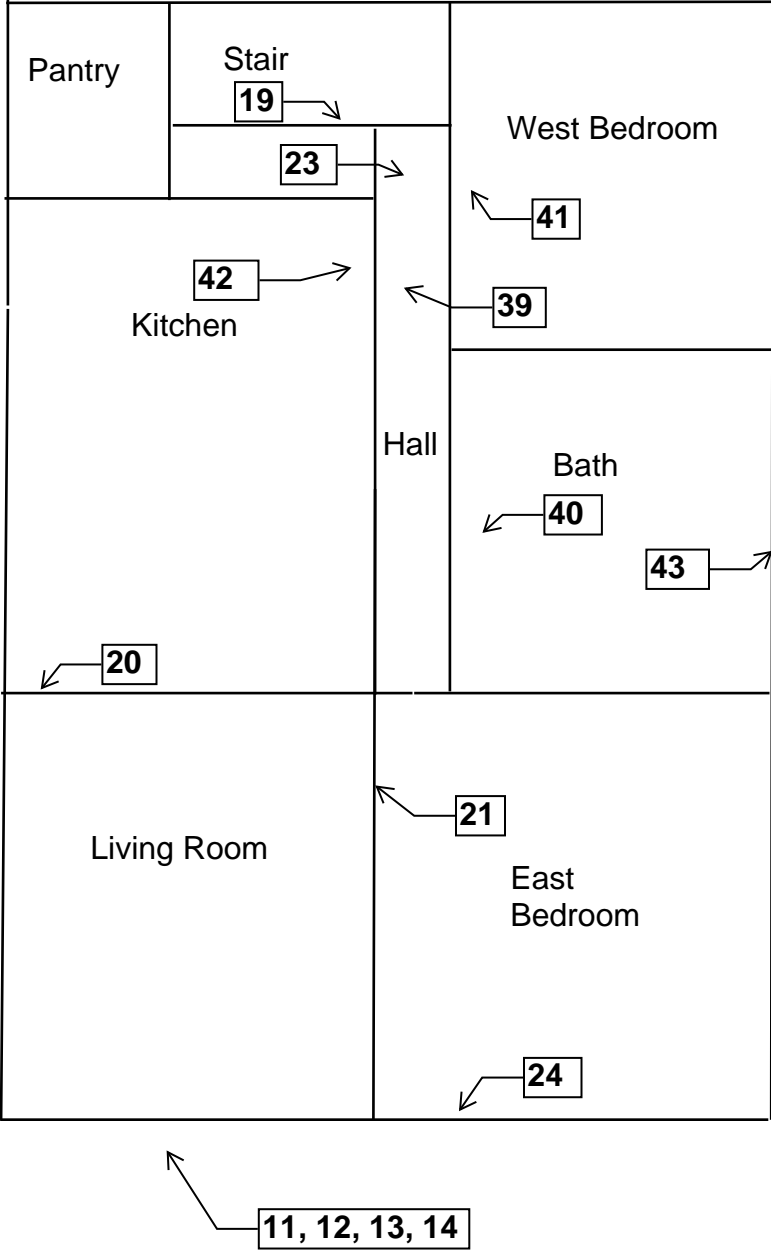
1st Floor Plan



Two Family Dwelling
3047 North 21st Street
Milwaukee, Wisconsin



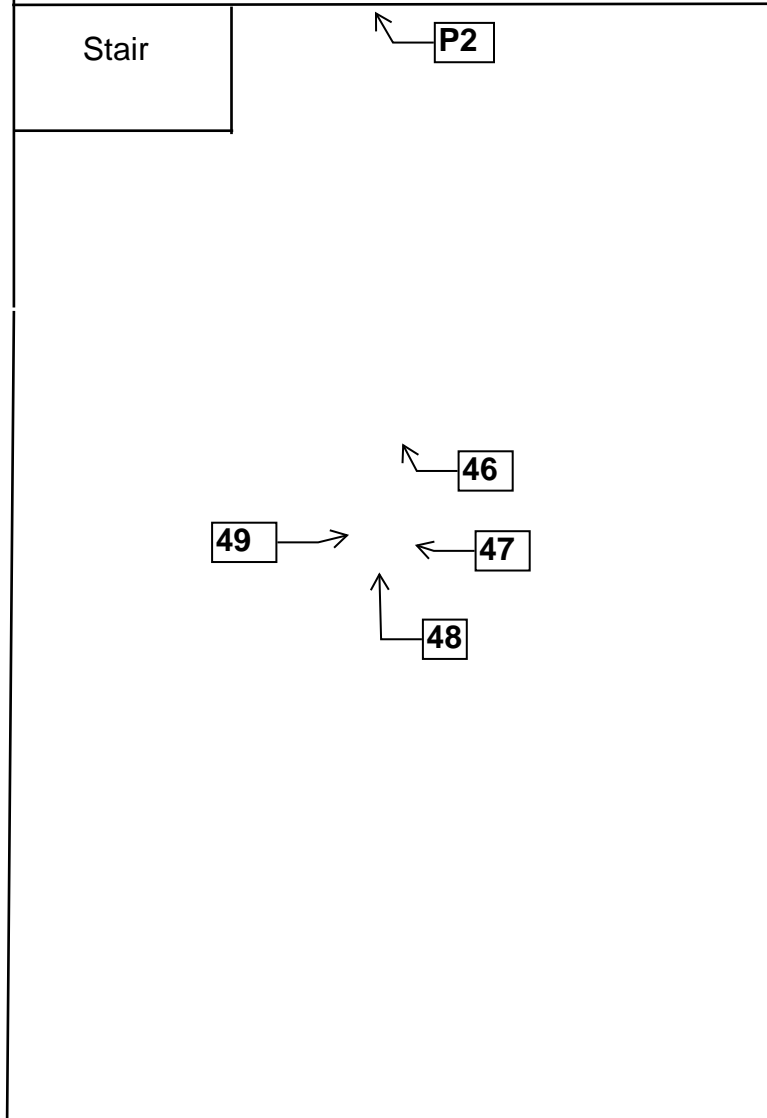
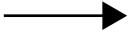
2nd Floor Plan



**Two Family Dwelling
3047 North 21st Street
Milwaukee, Wisconsin**

Basement Floor Plan

N



XII. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST.
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company - Primary

Certificate Issue Date: 06/23/2017
Expiration Date: 08/31/2019, 12:01 a.m.
Certification #: CAP-480540

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876



Shelley A Bruce
Shelley A Bruce,
Unit Supervisor



Scott Walker
Governor

Linda Seemeyer
Secretary

December 15, 2017



State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659
MADISON WI 53701-2659

Telephone: 608 266-1251
FAX: 608 267-2832
TTY: 888-701-1253
dhs.wisconsin.gov

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

Congratulations! Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

Follow Wisconsin law by making sure that you:

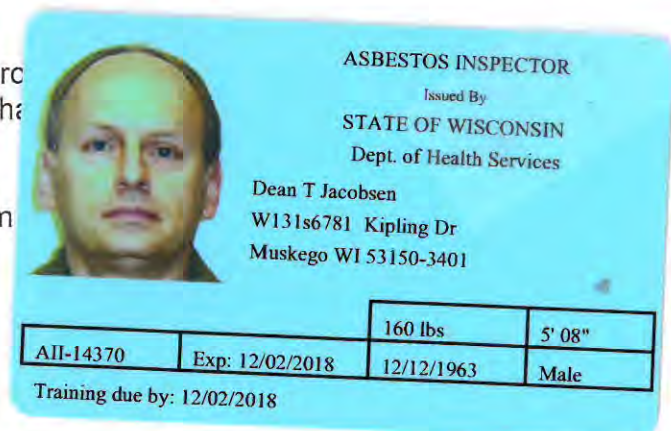
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos Online Certification website, www.dhs.wisconsin.gov/waldo, or by mailing a note to:

Lead and Asbestos Section
1 W. Wilson St., Room 137
P.O. Box 2659
Madison WI 53701-2659
4. Take refresher training well before the "Training due by" date printed on your blue card.
 - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.
Find asbestos training providers at www.dhs.wisconsin.gov/asbestos.
 - o Lead-certified individuals can refresh up to **1 year** before the due date.
Find lead training providers at www.dhs.wisconsin.gov/lead.
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at www.dhs.wisconsin.gov/lead or www.dhs.wisconsin.gov/asbestos.
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you protect your professional responsibility. Contact us if you have questions below and on the back of your blue card.

The Lead and Asbestos Certification Program
(608) 261-6876
DHSAsbestosLead@wi.gov
www.dhs.wisconsin.gov/asbestos
www.dhs.wisconsin.gov/lead

COPY





DECONSTRUCTION INSPECTION REPORT

Job Site:

**Two Family Rear Dwelling
3047 North 21st Street
Milwaukee, Wisconsin**

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

**HMG Report No.: 19-400-037. 3047R
Inspector: Cecil Trawick
Contract No.: 360-19-0975**

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204
(414) 383-4800

November 2019

Signature Page
Deconstruction Inspection Report
Two Family Rear Dwelling
3047 North 21st Street
Milwaukee, Wisconsin



Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/19
Harenda Management Group



Cecil Trawick
Asbestos Inspector No. AII – 104769
Expiration Date: 10/2/20
Harenda Management Group

November 26, 2019

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report
3047 North 21st Street Rear Dwelling
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection two family rear dwelling at 3047 North 21st Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP



Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the two family rear dwelling at 3047 North 21st Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was detected above 1% in 1st floor kitchen floor tile sampled during the inspection. Asbestos was assumed to be in the roof flashing at the vent stack. Results are in Section IV of this report.

Painted masonry was not observed during this inspection and no paint samples were collected.

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family rear dwelling at 3047 North 21st Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. It has brick walls with asphalt roofing.

II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On November 1 and 20, 2019, HMG conducted an asbestos inspection and lead inspection of a two family rear dwelling, scheduled for deconstruction, located at 3047 North 21st Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Plaster
- Stucco
- Blown in insulation
- Window glazing compound
- Drywall
- Linoleum
- Texture
- Flue packing
- Floor tile
- Joint compound patch
- Paper insulation
- Asphalt roofing
- Caulk

- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

III. ASBESTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	1 st floor – living room – south wall – plaster	Negative	SPI
2	1 st floor – northeast bedroom – north wall – plaster	Negative	SPI
3	1 st floor – kitchen – east wall – plaster	Negative	SPI
4	1 st floor – rear stair – north wall – plaster	Negative	SPI
5	2 nd floor – northwest hall – east wall – plaster	Negative	SPI
6	2 nd floor – living room – south wall – plaster	Negative	SPI
7	2 nd floor – north center bedroom – north wall – plaster	Negative	SPI
8	1 st floor – living room – in south wall – blown in insulation	Negative	MBI
9	1 st floor – northeast bedroom – in north wall – blown in insulation	Negative	MBI
10	2 nd floor – northwest bedroom – in west wall – blown in insulation	Negative	MBI
11	1 st floor – living room – on south window – glazing compound	Negative	MPG

Sample #	Location and Description	Results	Homogeneous Code
12	2 nd floor – north center bedroom – on north window – glazing compound	Negative	MPG
13	Attic – on west window – glazing compound	Negative	MPG
14	1 st floor – bathroom – east wall – drywall	Negative	MDW
15	2 nd floor – northeast bedroom – west wall – drywall	Negative	MDW
16	2 nd floor – bathroom – west wall – drywall	Negative	MDW
17	2 nd floor – kitchen – east side top layer – white and green linoleum	Negative	MFLwg
18	2 nd floor – kitchen – center top layer – white and green linoleum	Negative	MFLwg
19	2 nd floor – kitchen – west side top layer – white and green linoleum	Negative	MFLwg
20	2 nd floor – living room – west wall near ceiling – texture	Negative	STX
21	Basement – on chimney – flue packing	Negative	TFP
22	1 st floor – kitchen – east side top layer – 12” brown floor tile	Negative	MF12n
23	1 st floor – kitchen – west side top layer – 12” brown floor tile	Negative	MF12n
24	1 st floor – bathroom – 12” brown floor tile	Negative	MF12n
25a	1 st floor – kitchen – east side 2 nd layer – 12” green floor tile	Negative	MF12g
25b	1 st floor – kitchen – east side 2 nd layer – under 12” green floor tile – clear mastic	Negative	MF12g
25c	1st floor – kitchen – east side 4th layer – 12” tan and beige floor tile	Positive 3% Chrysotile	MF12te
26a	1 st floor – kitchen – north side 2 nd layer – 12” green floor tile	Negative	MF12g
26b	1 st floor – kitchen – north side 2 nd layer – under 12” green floor tile – clear mastic	Negative	MF12g
26c	1st floor – kitchen – north side 4th layer – 12” tan and beige floor tile	Positive 3% Chrysotile	MF12te
27a	1 st floor – kitchen – west side 2 nd layer – 12” green floor tile	Negative	MF12g
27b	1 st floor – kitchen – west side 2 nd layer – under 12” green floor tile – clear mastic	Negative	MF12g
27c	1st floor – kitchen – west side 4th layer – 12” tan and beige floor tile	Positive 3% Chrysotile	MF12te
28	1 st floor – bathroom – on north wall under tub panel – yellow mastic	Negative	MPMI
29a	2 nd floor – kitchen – east side 2 nd layer – 12” white and black floor tile	Negative	MF12wk
29b	2 nd floor – kitchen – east side 3 rd layer – 12” tan floor tile	Negative	MF12t
29c	2 nd floor – kitchen – east side 3 rd layer – under 12” tan floor tile – tan mastic	Negative	MF12t
29d	2 nd floor – kitchen – east side 4 th layer – under tan mastic – black paper	Negative	MPIk
30a	2 nd floor – kitchen – west side 2 nd layer – 12” white and black floor tile	Negative	MF12wk
30b	2 nd floor – kitchen – west side 3 rd layer – 12” tan floor tile	Negative	MF12t
30c	2 nd floor – kitchen – west side 3 rd layer – under 12” tan floor tile – tan mastic	Negative	MF12t
30d	2 nd floor – kitchen – west side 4 th layer – under tan mastic – black paper	Negative	MPIk
31a	2 nd floor – hall top layer – 12” white and black floor tile	Negative	MF12wk
31b	2 nd floor – hall 2 nd layer – 12” tan floor tile	Negative	MF12t
31c	2 nd floor – hall 2 nd layer – under 12” tan floor tile – tan mastic	Negative	MF12t
31d	2 nd floor – hall 3 rd layer – under tan mastic – black paper	Negative	MPIk

Sample #	Location and Description	Results	Homogeneous Code
32	2 nd floor – bathroom – on southwest wall under tub panel – gold mastic	Negative	MPMd
33	Attic – stair – on east wall – joint compound patch	Negative	MJC
34a	Roof – northwest top layer – brown asphalt shingle	Negative	MRSn
34b	Roof – northwest 2 nd layer – tar paper	Negative	MPT
35a	Roof – southwest top layer – brown asphalt shingle	Negative	MRSn
35b	Roof – southwest 2 nd layer – tar paper	Negative	MPT
36a	Roof – southeast top layer – brown asphalt shingle	Negative	MRSn
36b	Roof – southeast 2 nd layer – tar paper	Negative	MPT
37	Exterior – around east window – white caulk	Negative	MCLKw
38	Exterior – around south window – white caulk	Negative	MCLKw
39	Exterior – around north window – white caulk	Negative	MCLKw
40	Exterior – around west basement window – clear caulk	Negative	MCLKc
41	Exterior – patches on north wall – stucco	Negative	STC

One (1) of the materials sampled contains greater than 1% asbestos and is an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
12" Tan & Beige Floor Tile	MF12te	1 st Floor Kitchen 4 th Layer	200 SF	Category I Non-Friable

Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Vent Stack	1 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

Note #1: The ACMs listed above are category I non-friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

Note#2: If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

Note#3: A copy of this report should be transmitted to the deconstruction contractor.

Homogeneous Material Codes

SPI	Plaster
STX	Texture
STC	Stucco
MBI	Blown in Insulation
MPG	Window Glazing Compound
MDW	Drywall/Joint Compound
MFLwg	White & Green Linoleum
MF12n	12" Brown Floor Tile
MF12te	12" Tan & Beige Floor Tile
MF12g	12" Green Floor Tile
MF12wk	12" White & Black Floor Tile
MF12t	12" Tan Floor Tile

Homogeneous Material Codes

MPMI	Yellow Wall Panel Mastic
MPMd	Gold Wall Panel Mastic
MPIk	Black Paper
MJC	Joint Compound Patch
MRSn	Brown Asphalt Shingle
MPT	Tar Paper
MCLKw	White Caulk
MCLKc	Clear Caulk
TFP	Flue Packing

V. LEAD PAINT INSPECTION

A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 3047 North 21st Street, Milwaukee, Wisconsin, took place on November 1, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. No samples were collected.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

B. Component Testing Results

Interior: 3047 North 21st Street, Milwaukee, Wisconsin

- **Painted masonry was not observed on the interior.**

Exterior: 3047 North 21st Street, Milwaukee, Wisconsin

- **Painted masonry was not observed on the exterior.**

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,

- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

VI. EXCLUSIONS

Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

ASBESTOS

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

CFCs and HALONS

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

MERCURY

Products that may contain mercury:

LIGHTING

<u>5</u>	Fluorescent Lights – 1 st & 2 nd Floor Kitchens & Northeast Bedrooms
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS – 1 Furnace in Basement

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

ELECTRICAL SYSTEMS – 2 Electrical Boxes in Basement

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>N/A</u>	Ballasts
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

<u>N/A</u>	Hazardous Waste
<u>N/A</u>	Oil Tanks
<u>N/A</u>	Well Abandonment
<u>1</u>	Junk Auto Tires – Basement
<u>N/A</u>	Junk Vehicles

IX. ASBESTOS LABORATORY RESULTS



Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Harenda Management Group (5065)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 345774

Received 11/06/19
Analyzed 11/06/19
Reported 11/08/19

Attn:

Project:

Location: Wisconsin
Number: 19-400-037.3147

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
345774-001	11/01/19	1	Wisconsin		
Layer 1: Plaster				None Detected	4% CELLULOSE FIBER
Gray, Hard/Granular					96% NON FIBROUS MATERIAL
345774-002	11/01/19	2	Wisconsin		
Layer 1: Plaster				None Detected	4% CELLULOSE FIBER
Gray, Hard/Granular					96% NON FIBROUS MATERIAL
345774-003	11/01/19	3	Wisconsin		
Layer 1: Plaster				None Detected	4% CELLULOSE FIBER
Gray, Hard/Granular					96% NON FIBROUS MATERIAL
345774-004	11/01/19	4	Wisconsin		
Layer 1: Plaster				None Detected	4% CELLULOSE FIBER
Gray, Hard/Granular					96% NON FIBROUS MATERIAL
345774-005	11/01/19	5	Wisconsin		
Layer 1: Plaster				None Detected	4% CELLULOSE FIBER
Gray, Hard/Granular					96% NON FIBROUS MATERIAL
345774-006	11/01/19	6	Wisconsin		
Layer 1: Plaster				None Detected	4% CELLULOSE FIBER
Gray, Hard/Granular					96% NON FIBROUS MATERIAL
345774-007	11/01/19	7	Wisconsin		
Layer 1: Plaster				None Detected	4% CELLULOSE FIBER
Gray, Hard/Granular					96% NON FIBROUS MATERIAL
345774-008	11/01/19	8	Wisconsin		
Layer 1: Insulation				None Detected	95% CELLULOSE FIBER
Tan, Fibrous					5% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3147

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
345774-009	11/01/19	9	Wisconsin		
Layer 1:	Insulation			None Detected	95% CELLULOSE FIBER
	Tan, Fibrous				5% NON FIBROUS MATERIAL
345774-010	11/01/19	10	Wisconsin		
Layer 1:	Insulation			None Detected	95% CELLULOSE FIBER
	Tan, Fibrous				5% NON FIBROUS MATERIAL
345774-011	11/01/19	11	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
345774-012	11/01/19	12	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
345774-013	11/01/19	13	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
345774-014	11/01/19	14	Wisconsin		
Layer 1:	Drywall			None Detected	10% CELLULOSE FIBER
	White, Powdery				3% MINERAL/GLASS WOOL
					87% NON FIBROUS MATERIAL
345774-015	11/01/19	15	Wisconsin		
Layer 1:	Drywall			None Detected	10% CELLULOSE FIBER
	White, Powdery				3% MINERAL/GLASS WOOL
					87% NON FIBROUS MATERIAL
345774-016	11/01/19	16	Wisconsin		
Layer 1:	Drywall			None Detected	10% CELLULOSE FIBER
	White, Powdery				3% MINERAL/GLASS WOOL
					87% NON FIBROUS MATERIAL
345774-017	11/01/19	17	Wisconsin		
Layer 1:	Vinyl Sheeting			None Detected	15% MINERAL/GLASS WOOL
	Beige, Organically Bound				85% NON FIBROUS MATERIAL
345774-018	11/01/19	18	Wisconsin		
Layer 1:	Vinyl Sheeting			None Detected	15% MINERAL/GLASS WOOL
	Beige, Organically Bound				85% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:


Location: Wisconsin
Number: 19-400-037.3147

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
345774-019	11/01/19	19	Wisconsin		
Layer 1: Vinyl Sheeting Beige, Organically Bound				None Detected	15% MINERAL/GLASS WOOL 85% NON FIBROUS MATERIAL
345774-020	11/01/19	20	Wisconsin		
Layer 1: Granular Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
345774-021	11/01/19	21	Wisconsin		
Layer 1: Granular Material Gray, Hard/Granular				None Detected	100% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%**Total layers analyzed on order: 21**Analyst **Senhory Abdellatif**

345774-11/08/19 08:09 AM

Reviewed By: **Hind Eldanaf**

Microscopy Supervisor

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

SCHNEIDER LABORATORIES GLOBAL, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3147				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input checked="" type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____ Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day) Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start Stop	Flow Rate ³ Start Stop	Total Air ⁴
1	11/1/19						
2							
3							
4							
5							
6							
7							
8							
9							
10							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 11/5/19 17:00

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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345774

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UPS11/6/2019 9:53:17 AM
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Submitting Co.	Harenda Management Group	State of Collection	WI	City	
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3147				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
		Asbestos in Bulk	Metals Total	TCLP	Microbiology
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input checked="" type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air	Gravimetric	Miscellaneous	Sub-Contract
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters (time in min x flow in L/min)Relinquished By: Dean Jacobsen Signature: Dean Jacobsen Date/Time: 11/5/19 12:00**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Harenda Management Group (5065)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 348321

Attn:

Received 11/22/19
Analyzed 11/23/19
Reported 11/25/19

Project:

Location: Wisconsin
Number: 19-400-037.3047

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
348321-001	11/20/19	22	Wisconsin		
Layer 1: Tile Tan, Rubbery				None Detected	100% NON FIBROUS MATERIAL
348321-002	11/20/19	23	Wisconsin		
Layer 1: Tile Tan, Rubbery				None Detected	100% NON FIBROUS MATERIAL
348321-003	11/20/19	24	Wisconsin		
Layer 1: Tile Tan, Rubbery				None Detected	100% NON FIBROUS MATERIAL
348321-004	11/20/19	25	Wisconsin		
Layer 1: Tile Green, Rubbery				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Adhesive Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Tile Tan, Organically Bound				3% CHRYSOTILE	97% NON FIBROUS MATERIAL
348321-005	11/20/19	26	Wisconsin		
Layer 1: Tile Green, Rubbery				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Adhesive Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Tile Tan, Organically Bound				3% CHRYSOTILE	97% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3047

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
348321-006	11/20/19	27	Wisconsin		
Layer 1: Tile Green, Rubbery				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Adhesive Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Tile Tan, Organically Bound				3% CHRYSOTILE	97% NON FIBROUS MATERIAL
348321-007	11/20/19	28	Wisconsin		
Layer 1: Textured Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
348321-008	11/20/19	29	Wisconsin		
Layer 1: Tile Cream, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Tile White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 4: Underlayment Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
348321-009	11/20/19	30	Wisconsin		
Layer 1: Tile Cream, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Tile White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 4: Underlayment Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3047

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
348321-010	11/20/19	31	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Cream, Organically Bound				
Layer 2:	Tile			None Detected	100% NON FIBROUS MATERIAL
	White, Organically Bound				
Layer 3:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
Layer 4:	Underlayment			None Detected	45% CELLULOSE FIBER
	Black, Bituminous/Fibrous				10% NON FIBROUS MATERIAL
					45% SYNTHETIC FIBER
348321-011	11/20/19	32	Wisconsin		
Layer 1:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
348321-012	11/20/19	33	Wisconsin		
Layer 1:	Textured Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
348321-013	11/20/19	34	Wisconsin		
Layer 1:	Shingle			None Detected	20% MINERAL/GLASS WOOL
	Tan/Black, Granular/Bituminous				80% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2:	Felt			None Detected	45% CELLULOSE FIBER
	Black, Bituminous/Fibrous				10% NON FIBROUS MATERIAL
					45% SYNTHETIC FIBER
348321-014	11/20/19	35	Wisconsin		
Layer 1:	Shingle			None Detected	20% MINERAL/GLASS WOOL
	Tan/Black, Granular/Bituminous				80% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2:	Felt			None Detected	45% CELLULOSE FIBER
	Black, Bituminous/Fibrous				10% NON FIBROUS MATERIAL
					45% SYNTHETIC FIBER

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3047

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
348321-015	11/20/19	36	Wisconsin		
Layer 1:	Shingle			None Detected	20% MINERAL/GLASS WOOL
	Tan/Black, Granular/Bituminous				80% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2:	Felt			None Detected	45% CELLULOSE FIBER
	Black, Bituminous/Fibrous				10% NON FIBROUS MATERIAL
					45% SYNTHETIC FIBER
348321-016	11/20/19	37	Wisconsin		
Layer 1:	Soft Material			None Detected	100% NON FIBROUS MATERIAL
	White, Soft				
348321-017	11/20/19	38	Wisconsin		
Layer 1:	Soft Material			None Detected	100% NON FIBROUS MATERIAL
	White, Soft				
348321-018	11/20/19	39	Wisconsin		
Layer 1:	Soft Material			None Detected	100% NON FIBROUS MATERIAL
	White, Soft				
348321-019	11/20/19	40	Wisconsin		
Layer 1:	Soft Material			None Detected	100% NON FIBROUS MATERIAL
	Clear, Soft				
348321-020	11/20/19	41	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				

EPA Regulatory Limit: 1%**Total layers analyzed on order: 38**Analyst **Elsamani Abdelfadiel**

348321-11/25/19 10:52 AM

Reviewed By: **Hind Eldanaf**

Microscopy Supervisor

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



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www.slabinc.com • info@slabinc.com

348321



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Submitting Co. Harenda Management Group		State of Collection WI	Cert. Required <input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct # 5065	Phone (414) 647-1530
Milwaukee, WI 53204		Email dean.jacobsen@kphenviromenmtal.com	
Project Name		PO #	
Project Location Wisconsin	Special Instructions:		
Project Number 19-400-037.3047			
Collected By			

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour *	<input type="checkbox"/> Air	Asbestos in Bulk	Metals Total	TCLP	Microbiology
<input type="checkbox"/> Same day *	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
<input type="checkbox"/> 1 business day	<input type="checkbox"/> Soil	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
<input checked="" type="checkbox"/> 2 business days	<input type="checkbox"/> Wipe	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP	<input type="checkbox"/> Allergens
<input type="checkbox"/> 3 business days	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury	(w/ organics 10 Day)	
<input type="checkbox"/> 5 business days	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Gravimetric Prep			
* not available for all tests	<input type="checkbox"/> Ground Water	Asbestos in Air	Gravimetric	Miscellaneous	Sub-Contract
** past 3 PM the TAT will begin next business day	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM Chatfield
Please schedule rush tests in advance	<input type="checkbox"/> TSP / PM10	<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> TEM AHERA
					<input type="checkbox"/> TEM 7402
					<input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start Stop	Flow Rate ³ Start Stop	Total Air ⁴
22	11/21/19						
23							
24							
25							
26							
27							
28							
29							
30							
31							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 11/20/19 1200

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

**SCHNEIDER LABORATORIES GLOBAL, INC.**

2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3743				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input checked="" type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
32	4/20/19								
33									
34									
35									
36									
37									
38									
39									
40									
41									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 4/20/19 1200

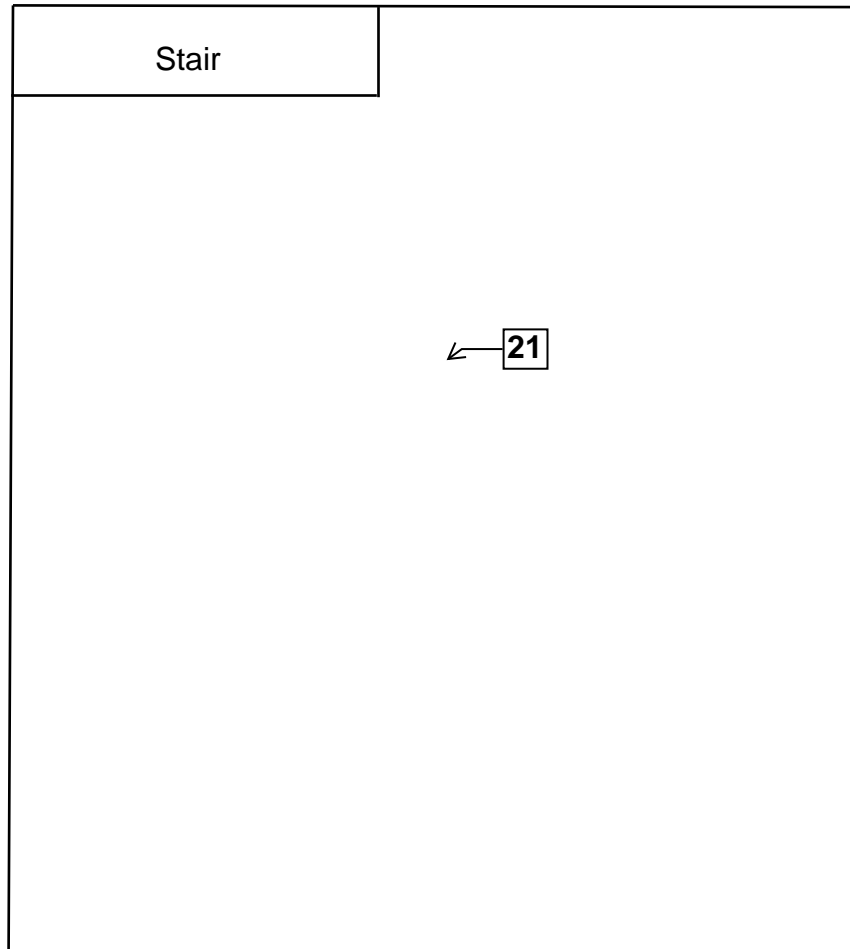
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

X. FLOOR PLANS

Two Family Rear Dwelling
3047 North 21st Street
Milwaukee, Wisconsin

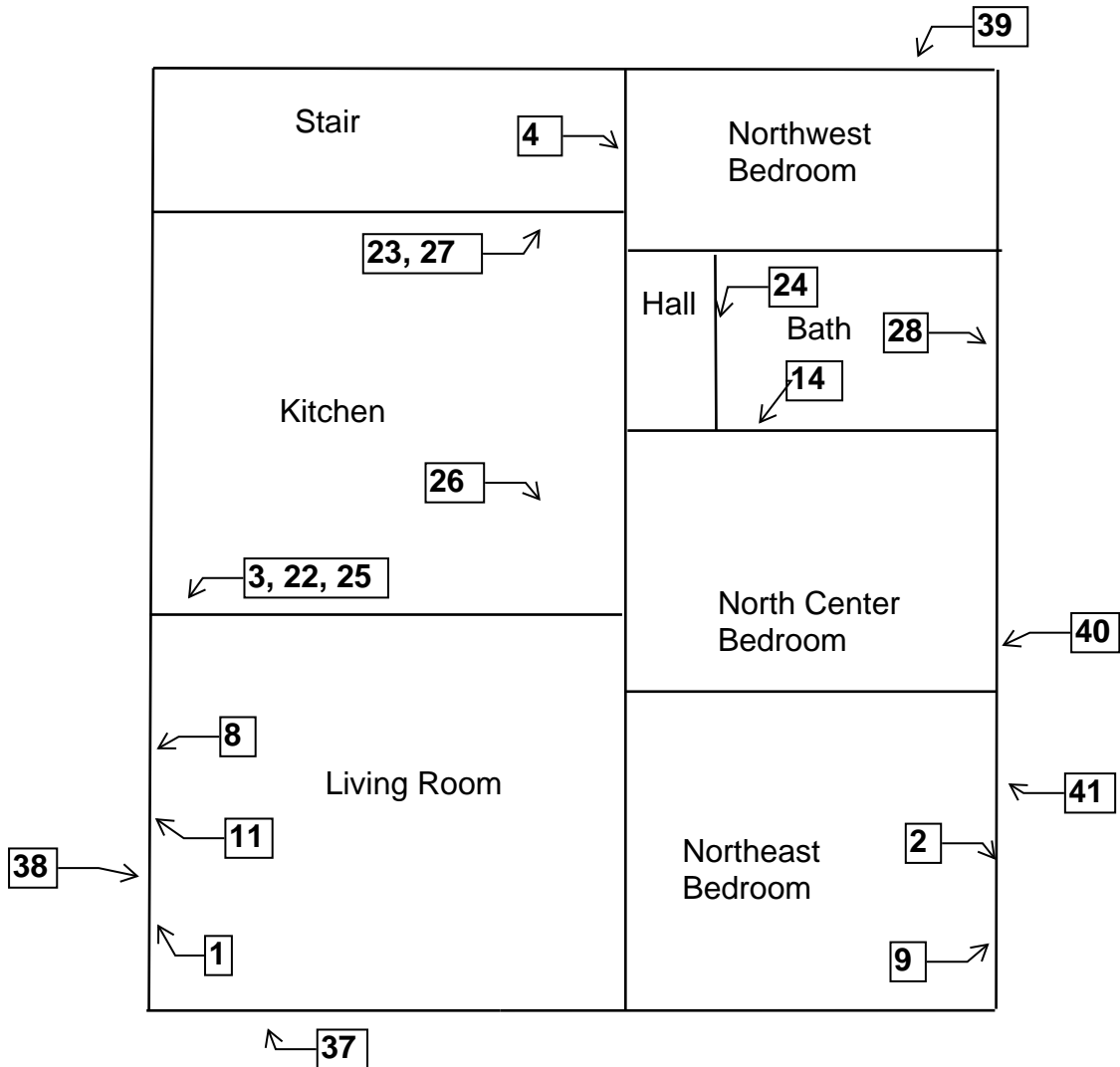


Basement Floor Plan

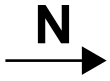


Two Family Rear Dwelling
3047 North 21st Street
Milwaukee, Wisconsin

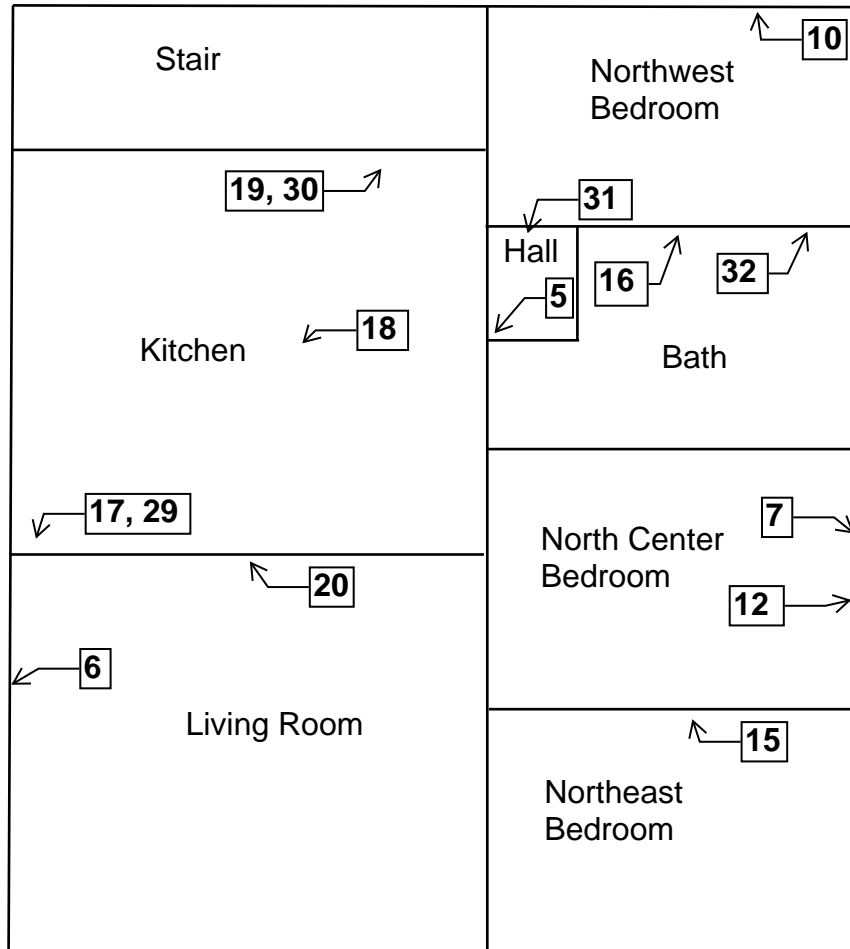
1st Floor Plan



Two Family Rear Dwelling
3047 North 21st Street
Milwaukee, Wisconsin

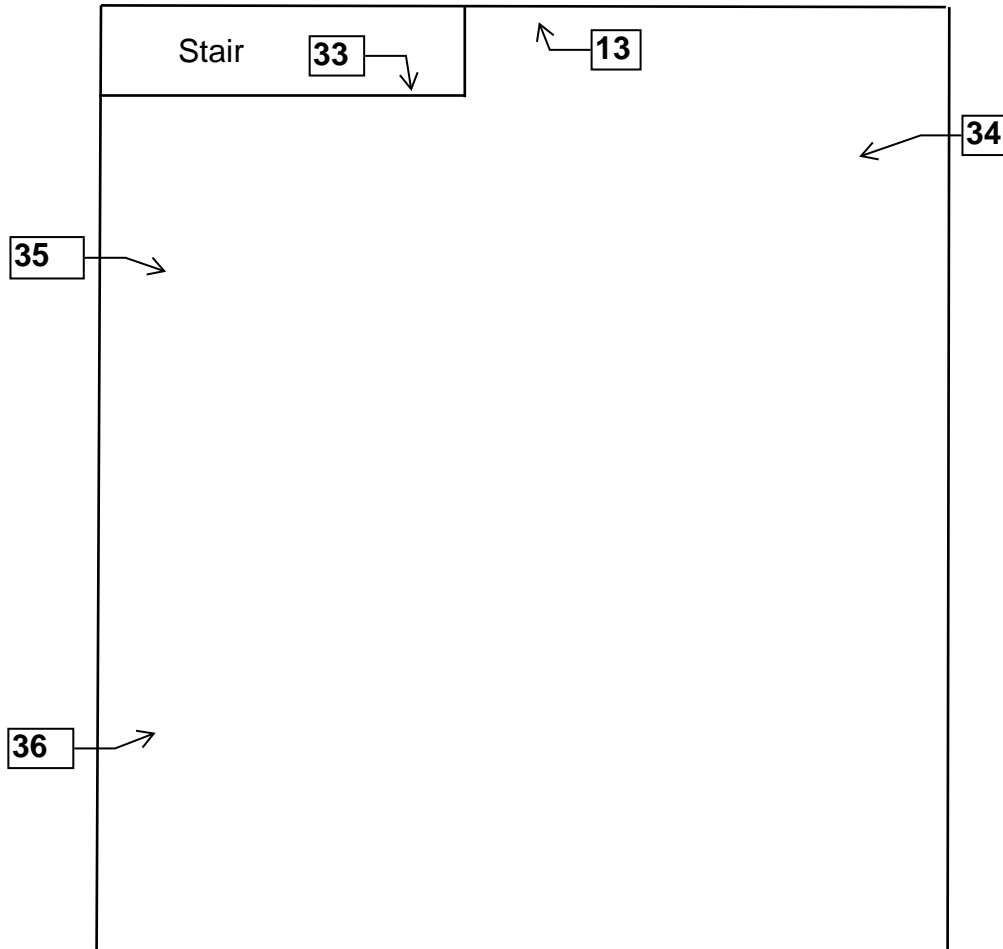


1st Floor Plan



**Two Family Rear Dwelling
3047 North 21st Street
Milwaukee, Wisconsin**

Attic/Roof Floor Plan



XI. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company -- Primary

Certificate Issue Date: 07/23/2019
Expiration Date: 08/31/2021, 12:01 a.m.
Certification #: CAP-480540

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876



Miriam Hasan
Miriam Hasan, Unit Supervisor

ASBESTOS INSPECTOR

Issued By
STATE OF WISCONSIN
Dept. of Health Services

Cecil James Trawick Jr
5624 N 97th Street
Milwaukee WI 53222 2502

		222 lbs	5' 08"
AII-104769	Exp: 10/02/2020	07/09/1971	

Training due by: 10/02/2020

COPY



PRE-DEMOLITION INSPECTION REPORT

Job Site:

**Fire Damaged
Two Family Dwelling
3274 North 21st Street
Milwaukee, Wisconsin**

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

HMG Report No.: 19-400-037.3274

Inspector: Jazmin Spears

Contract No.: 360-19-0975

Prepared by:

HARENDA MANAGEMENT GROUP

1237 West Bruce Street
Milwaukee, Wisconsin 53204
(414) 383-4800

April 2019

Signature Page

Pre-Demolition Inspection Report

Two Family Dwelling
3274 North 21st Street
Milwaukee, Wisconsin



Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/19
Harenda Management Group



Jazmin Spears
Asbestos Inspector No. AII – 111055
Expiration Date: 8/10/19
Harenda Management Group

April 24, 2019

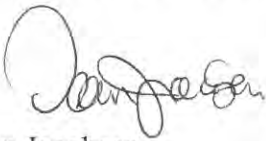
City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

RE: Pre-Demolition Inspection Report
3274 North 21st Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the two family dwelling at 3274 North 21st Street, Milwaukee, Wisconsin, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP



Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the two family dwelling at 3274 North 21st Street, Milwaukee, Wisconsin, prior to demolition. HMG conducted a visual inspection for asbestos and universal wastes. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was not detected in any material sampled during the inspection. Asbestos was assumed to be in the asphalt roofing and floor tile/mastic. Results are in Section IV of this report.

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Pre-demolition Inspection Report

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the two family dwelling at 3274 North 21st Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with vinyl, asphalt, and wood walls and asphalt roofing.

II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On April 11, 2019, HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 3274 North 21st Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Asphalt shingle siding
- Paper insulation
- Ceiling tile
- Blown in insulation
- Drywall/joint compound
- Window glazing compound
- Caulk
- Plaster
- Flue packing
- Ceramic tile
- Linoleum
- Floor tile
- Asphalt roofing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Appendix A.

Sample #	Location and Description	Results	Homogeneous Code
1a	Exterior – west wall under vinyl siding – gray asphalt shingle siding	Negative	MSSy
1b	Exterior – west wall under vinyl siding – red asphalt shingle siding	Negative	MSSr
1c	Exterior – west wall under vinyl siding – blue asphalt shingle siding	Negative	MSSb
2a	Exterior – south wall under vinyl siding – gray asphalt shingle siding	Negative	MSSy
2b	Exterior – south wall under vinyl siding – red asphalt shingle siding	Negative	MSSr
2c	Exterior – south wall under vinyl siding – blue asphalt shingle siding	Negative	MSSb
3a	Exterior – east wall under vinyl siding – gray asphalt shingle siding	Negative	MSSy
3b	Exterior – east wall under vinyl siding – red asphalt shingle siding	Negative	MSSr
3c	Exterior – east wall under vinyl siding – blue asphalt shingle siding	Negative	MSSb
4	Exterior – west wall under wood siding – paper insulation	Negative	MPI
5	Exterior – south wall under wood siding – paper insulation	Negative	MPI

Sample #	Location and Description	Results	Homogeneous Code
6	Exterior – east wall under wood siding – paper insulation	Negative	MPI
7	1 st floor – front entry – white ceiling tile	Negative	MSCTw
8	1 st floor – dining room – white ceiling tile	Negative	MSCTw
9	1 st floor – living room – white ceiling tile	Negative	MSCTw
10	1 st floor – living room – in north wall – blown in insulation	Negative	MBI
11	1 st floor – north room – in south wall – blown in insulation	Negative	MBI
12	1 st floor – east bedroom – in east wall – blown in insulation	Negative	MBI
13a	1 st floor – living room – on north wall under panel – wall paper	Negative	MWP
13b	1 st floor – living room – on north wall paper – brown mastic	Negative	MPMn
14a	1 st floor – north bedroom – on north wall under panel – wall paper	Negative	MWP
14b	1 st floor – north bedroom – on north wall paper – brown mastic	Negative	MPMn
15a	1 st floor – living room – on west wall under panel – wall paper	Negative	MWP
15b	1 st floor – living room – on west wall paper – brown mastic	Negative	MPMn
16a	1 st floor – kitchen – south wall – drywall	Negative	MDW
16b	1 st floor – kitchen – south wall – joint compound	Negative	MDW
17a	1 st floor – bathroom – west wall – drywall	Negative	MDW
17b	1 st floor – bathroom – west wall – joint compound	Negative	MDW
18a	2 nd floor – bathroom – west wall – drywall	Negative	MDW
18b	2 nd floor – bathroom – west wall – joint compound	Negative	MDW
19	Exterior – on west window – glazing compound	Negative	MPG
20	Exterior – on south window – glazing compound	Negative	MPG
21	Exterior – on east window – glazing compound	Negative	MPG
22	Exterior – on west window – white caulk	Negative	MCLKw
23	Exterior – on south window – white caulk	Negative	MCLKw
24	Exterior – on east window – white caulk	Negative	MCLKw
25a	Exterior – north wall – black asphalt shingle siding	Negative	MSSk
25b	Exterior – north wall – under black asphalt shingle siding – fiber layer	Negative	MSSk
26a	Exterior – south wall – black asphalt shingle siding	Negative	MSSk
26b	Exterior – south wall – under black asphalt shingle siding – fiber layer	Negative	MSSk
27a	Exterior – east wall – black asphalt shingle siding	Negative	MSSk
27b	Exterior – east wall – under black asphalt shingle siding – fiber layer	Negative	MSSk
28	1 st floor – front entry – east wall – plaster	Negative	SPI
29	1 st floor – living room – south wall – plaster	Negative	SPI
30	1 st floor – bathroom – west wall – plaster	Negative	SPI
31	2 nd floor – kitchen – east wall – plaster	Negative	SPI
32	2 nd floor – bathroom – south wall – plaster	Negative	SPI
33	Basement – on chimney – flue packing	Negative	TFP
34	1 st floor – bathroom – on tub – beige caulk	Negative	MCLKe
35a	1 st floor – bathroom – on west wall – gray ceramic tile	Negative	MCTMy
35b	1 st floor – bathroom – on west wall – under gray ceramic tile - tan mastic	Negative	MCTMy
36a	2 nd floor – bathroom – white linoleum	Negative	MFLw
36b	2 nd floor – bathroom – under white linoleum - tan mastic	Negative	MFLw

None of the materials sampled contain asbestos.

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Condition
Asphalt Shingles & Flashing	Roof	800 SF	Fair
Floor Tile & Mastic	1 st Floor Front Entry/Dining Room/Kitchen/Bathroom	400 SF	Fair
Floor Tile & Mastic	2 nd Floor Kitchen	180 SF	Fair

Note #1: Asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials and were not friable. Under NR 447 they do not currently meet the definition of regulated asbestos containing material (RACM) and need not be removed before demolition if the demolition debris does not become RACM and will be disposed at a Wisconsin licensed landfill.

Note#2: Category I – Non-Friable Asbestos Containing Materials may become RACM during mechanical demolition activities or maybe considered friable prior to demolition activities due to its condition at time of demolition.

Note#3: If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

Note#4: A copy of this report should be transmitted to the demolition contractor.

Homogeneous Material Codes

SPI	Plaster
MSSy	Gray Asphalt Shingle Siding
MSSr	Red Asphalt Shingle Siding
MSSb	Blue Asphalt Shingle Siding
MSSk	Black Asphalt Shingle Siding
MPI	Paper Insulation
MSCTw	White Ceiling Tile
MBI	Blown in Insulation
MWP	Wallpaper
MPMn	Brown Wall Panel Mastic
MDW	Drywall/Joint Compound
MPG	Window Glazing Compound
MCLKw	White Caulk
MCLKe	Beige Caulk
MCTMy	Gray Ceramic Tile
MFLw	White Linoleum
TFP	Flue Packing

V. EXCLUSIONS

Attic fire damaged and not accessible. Basement floor covered with debris and only partially accessible. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or inaccessible materials, or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

VI. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

ASBESTOS

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

CFCs and HALONS

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

MERCURY

Products that may contain mercury:

LIGHTING

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>1</u>	Old Thermostats – 2 nd Floor Dining Room
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

ELECTRICAL SYSTEMS – 1 Electrical Box in Basement

<u> N/A </u>	Load Meters and Supply Relays
<u> N/A </u>	Phase Splitters
<u> N/A </u>	Microwave Relays
<u> N/A </u>	Mercury Displacement Relays

PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u> N/A </u>	Transformers
<u> N/A </u>	Capacitors (appliances, electronic equipment)
<u> N/A </u>	Heat Transfer Equipment
<u> N/A </u>	Ballasts
<u> N/A </u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u> N/A </u>	Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

<u> N/A </u>	Hazardous Waste
<u> N/A </u>	Oil Tanks
<u> N/A </u>	Well Abandonment
<u> N/A </u>	Junk Auto Tires
<u> N/A </u>	Junk Vehicles

* 45 Gallons Paint 2nd Floor & Basement

VIII. ASBESTOS LABORATORY RESULTS



Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Harenda Management Group (5065)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 310893

Received 04/16/19
Analyzed 04/18/19
Reported 04/19/19

Attn:

Project:

Location: Wisconsin
Number: 19-400-037.3274

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310893-001	04/11/19	1	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Gray, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Red, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 3:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Blue, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
310893-002	04/11/19	2	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Gray, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Red, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 3:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Blue, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3274

Method: EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310893-003	04/11/19	3	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Gray, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Red, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 3:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Blue, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
310893-004	04/11/19	4	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
	Beige, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
310893-005	04/11/19	5	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
	Beige, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
310893-006	04/11/19	6	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
	Beige, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
310893-007	04/11/19	7	Wisconsin		
Layer 1:	Ceiling Tile			None Detected	40% CELLULOSE FIBER
	Beige, Fibrous				40% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
310893-008	04/11/19	8	Wisconsin		
Layer 1:	Ceiling Tile			None Detected	40% CELLULOSE FIBER
	Beige, Fibrous				40% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
310893-009	04/11/19	9	Wisconsin		
Layer 1:	Ceiling Tile			None Detected	40% CELLULOSE FIBER
	Beige, Fibrous				40% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
310893-010	04/11/19	10	Wisconsin		
Layer 1:	Insulation			None Detected	40% CELLULOSE FIBER
	Beige, Fibrous				40% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3274

Method: EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310893-011	04/11/19	11	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	40% CELLULOSE FIBER 40% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
310893-012	04/11/19	12	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
310893-013	04/11/19	13	Wisconsin		
Layer 1: Paper Tan, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
Layer 2: Mastic Brown, Brittle				None Detected	100% NON FIBROUS MATERIAL
310893-014	04/11/19	14	Wisconsin		
Layer 1: Paper Tan, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
Layer 2: Mastic Brown, Brittle				None Detected	100% NON FIBROUS MATERIAL
310893-015	04/11/19	15	Wisconsin		
Layer 1: Paper Tan, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
Layer 2: Mastic Brown, Brittle				None Detected	100% NON FIBROUS MATERIAL
310893-016	04/11/19	16	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
310893-017	04/11/19	17	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3274

Method: EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310893-018	04/11/19	18	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
310893-019	04/11/19	19	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
310893-020	04/11/19	20	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
310893-021	04/11/19	21	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
310893-022	04/11/19	22	Wisconsin		
Layer 1: Soft Material White, Soft				None Detected	100% NON FIBROUS MATERIAL
310893-023	04/11/19	23	Wisconsin		
Layer 1: Soft Material White, Soft				None Detected	100% NON FIBROUS MATERIAL
310893-024	04/11/19	24	Wisconsin		
Layer 1: Soft Material White, Soft				None Detected	100% NON FIBROUS MATERIAL
310893-025	04/11/19	25	Wisconsin		
Layer 1: Shingle Black, Bituminous/Granular				None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3274

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310893-026	04/11/19	26	Wisconsin		
Layer 1: Shingle Black, Bituminous/Granular				None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
310893-027	04/11/19	27	Wisconsin		
Layer 1: Shingle Black, Bituminous/Granular				None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON-FIBROUS INERT
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
310893-028	04/11/19	28	Wisconsin		
Layer 1: Plaster Beige, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
310893-029	04/11/19	29	Wisconsin		
Layer 1: Plaster Beige, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
310893-030	04/11/19	30	Wisconsin		
Layer 1: Plaster Beige, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
310893-031	04/11/19	31	Wisconsin		
Layer 1: Plaster Beige, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
310893-032	04/11/19	32	Wisconsin		
Layer 1: Plaster Beige, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3274

Method: EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310893-033	04/11/19	33	Wisconsin		
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
310893-034	04/11/19	34	Wisconsin		
Layer 1: Hard Material White, Hard				None Detected	100% NON FIBROUS MATERIAL
310893-035	04/11/19	35	Wisconsin		
Layer 1: Ceramic Tile White, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
310893-036	04/11/19	36	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%

Total layers analyzed on order: 53

Analyst **Mohammed Hashim**

310893-04/19/19 05:22 PM

Reviewed By: **Hind Eldanaf**

Microscopy Supervisor

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



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310893

X 36



V:310\310893

fgbraizi
UPS

4/16/2019 9:53:08 AM
1Z2E2899846 1728944

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3274				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start Stop	Flow Rate ³ Start Stop	Total Air ⁴
1	4/11/19						
2							
3							
4							
5							
6							
7							
8							
9							
10							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 4/15/19 1200

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 www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct. #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3274				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____ Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day) Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start Stop	Flow Rate ³ Start Stop	Total Air ⁴
11	4/11/19						
12							
13							
14							
15							
16							
17							
18							
19							
20							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 4/15/19 1700

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 www.slabinc.com • info@slabinc.com

Submitting Co: Harenda Management Group		State of Collection: WI	Cert Required: <input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #: 5065	Phone: (414) 647-1530
Milwaukee, WI 53204		Email: dean.jacobsen@kphenviromenmtal.com	
Project Name:		PO #:	
Project Location:	Wisconsin	Special Instructions:	
Project Number:	19-400-037.3274		
Collected By:			

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start Stop	Flow Rate ³ Start Stop	Total Air ⁴
21	4/4/19						
22							
23							
24							
25							
26							
27							
28							
29							
30							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 4/15/19 1200

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 www.slabinc.com • info@slabinc.com

Submitting Co.	Harendra Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3274				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start Stop	Flow Rate Start Stop	Total Air ⁴
31	4/6/19						
32							
33							
34							
35							
36							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

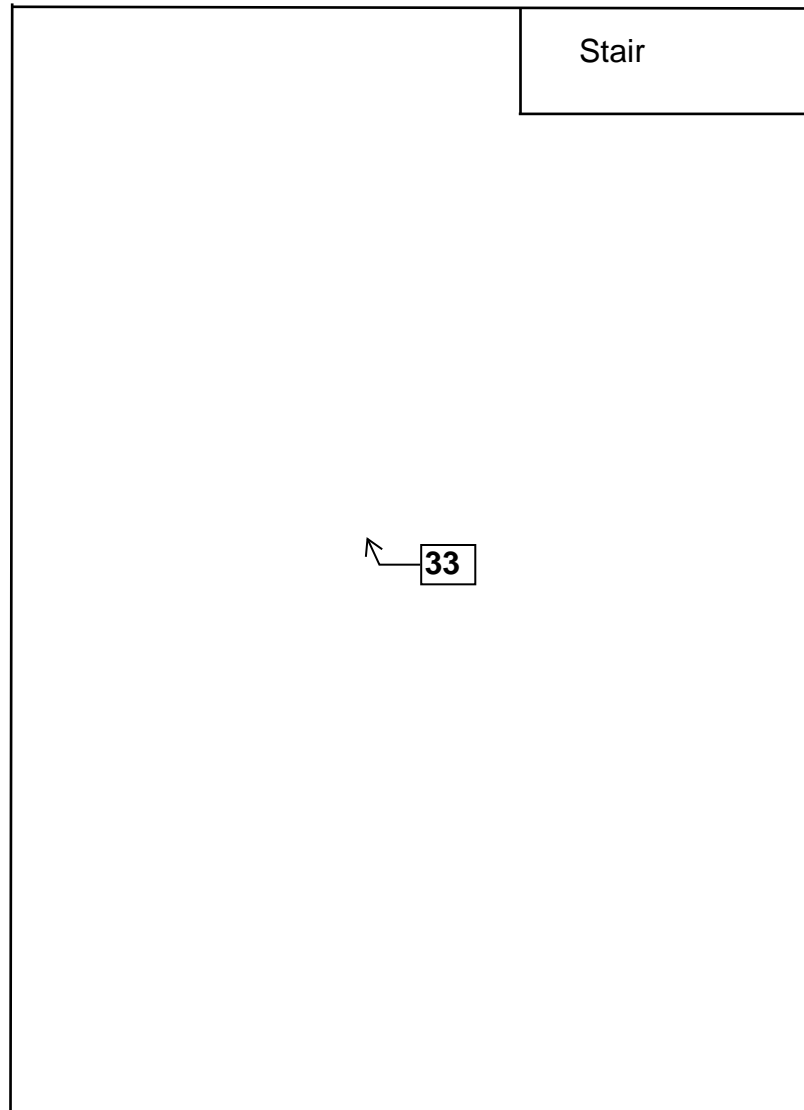
Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 4/15/19 1700

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IX. FLOOR PLANS

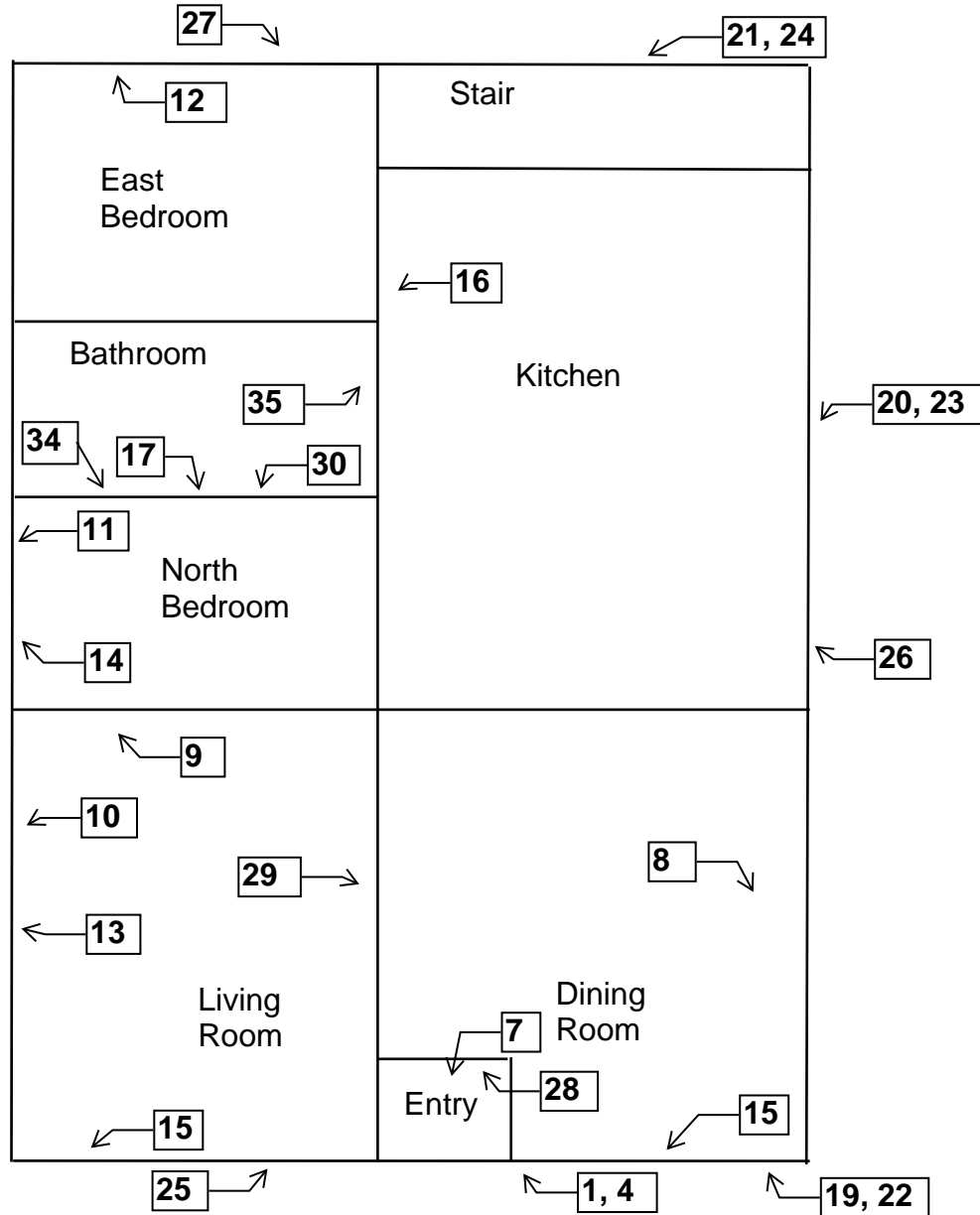
**Two Family Dwelling
3274 North 21st Street
Milwaukee, Wisconsin**

Basement Floor Plan



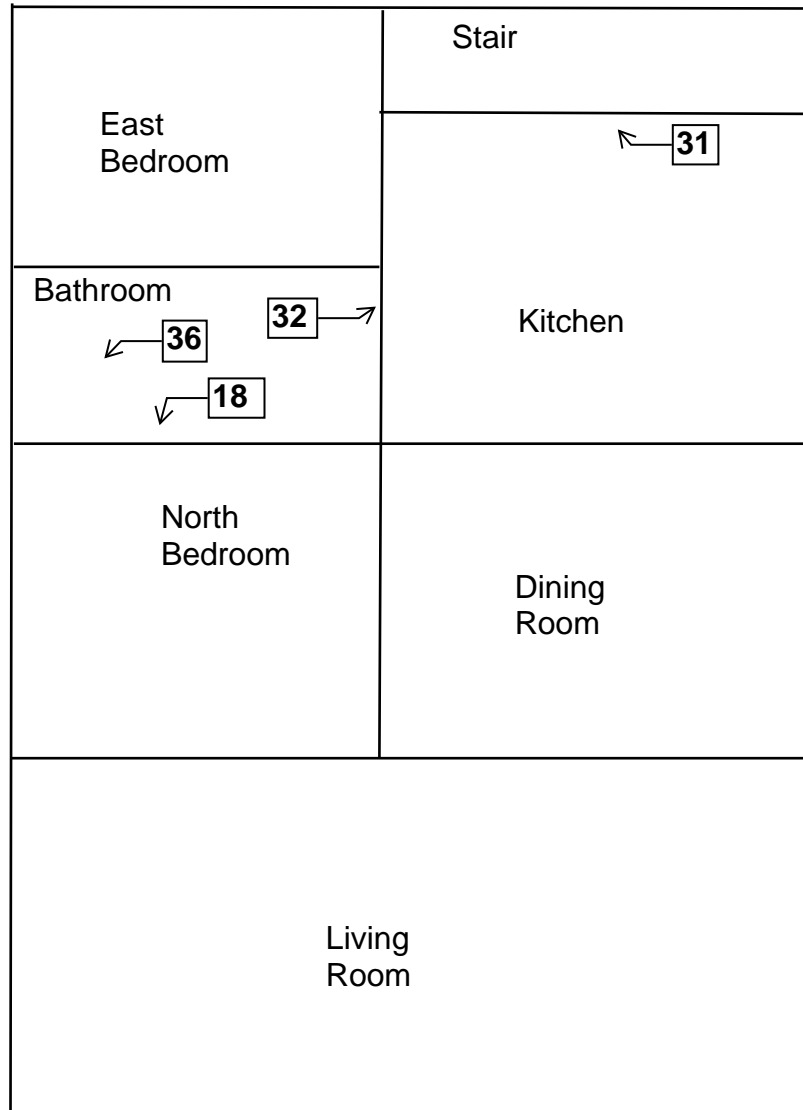
**Two Family Dwelling
3274 North 21st Street
Milwaukee, Wisconsin**

1st Floor Plan



Two Family Dwelling
3274 North 21st Street
Milwaukee, Wisconsin

2nd Floor Plan



X. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST.
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company - Primary

Certificate Issue Date: 06/23/2017
Expiration Date: 08/31/2019, 12:01 a.m.
Certification #: CAP-480540

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876



Shelley A Bruce
Shelley A Bruce,
Unit Supervisor



Scott Walker
Governor

Linda Seemeyer
Secretary

August 27, 2018



State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659
MADISON WI 53701-2659

Telephone: 608 266-1251
FAX: 608 267-2832
TTY: 888-701-1253
dhs.wisconsin.gov

JAZMIN K C SPEARS
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-111055

Congratulations! Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

Follow Wisconsin law by making sure that you:

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos Online Certification website, www.dhs.wisconsin.gov/waldo, or by mailing a note to:

Lead and Asbestos Section
1 W. Wilson St., Room 137
P.O. Box 2659
Madison WI 53701-2659

4. Take refresher training well before the "Training due by" date printed on your blue card.
 - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.
Find asbestos training providers at www.dhs.wisconsin.gov/asbestos.
 - o Lead-certified individuals can refresh up to **1 year** before the due date.
Find lead training providers at www.dhs.wisconsin.gov/lead.
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at www.dhs.wisconsin.gov/lead or www.dhs.wisconsin.gov/asbestos.
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you assume professional responsibility. Contact us if you have any questions below and on the back of your blue card.

The Lead and Asbestos Certification Program
(608) 261-6876
DHSAsbestosLead@wi.gov
www.dhs.wisconsin.gov/asbestos
www.dhs.wisconsin.gov/lead

COPY

	ASBESTOS INSPECTOR		
	Issued By		
	STATE OF WISCONSIN		
	Dept. of Health Services		
Jazmin K C Spears			
1237 W Bruce St			
Milwaukee WI 53204-1218			
		198 lbs	5' 08"
AII-111055	Exp: 08/10/2019	10/19/1974	
Training due by: 08/10/2019			



PRE-DEMOLITION INSPECTION REPORT

Job Site:

**Fire Damaged
One Family Dwelling
3278 North 21st Street
Milwaukee, Wisconsin**

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

HMG Report No.: 19-400-037.3278

Inspector: Jazmin Spears

Contract No.: 360-19-0975

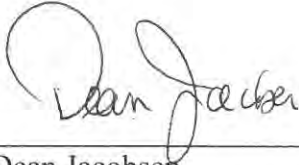
Prepared by:

HARENDA MANAGEMENT GROUP

1237 West Bruce Street
Milwaukee, Wisconsin 53204
(414) 383-4800

April 2019

Signature Page
Pre-Demolition Inspection Report
One Family Dwelling
3278 North 21st Street
Milwaukee, Wisconsin



Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/19
Harenda Management Group



Jazmin Spears
Asbestos Inspector No. AII – 111055
Expiration Date: 8/10/19
Harenda Management Group

April 24, 2019

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

RE: Pre-Demolition Inspection Report
3274 North 21st Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the one family dwelling at 3278 North 21st Street, Milwaukee, Wisconsin, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP



Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the one family dwelling at 3278 North 21st Street, Milwaukee, Wisconsin, prior to demolition. HMG conducted a visual inspection for asbestos and universal wastes. HMG collected asbestos bulk samples for laboratory analysis.

Interior was not accessible due to severe fire damage. Asbestos was not detected in any exterior material sampled during the inspection. Asbestos was assumed to be in the asphalt roofing. Results are in Section IV of this report.

TABLE OF CONTENTS
Pre-demolition Inspection Report

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V.	Exclusions	3
VI.	Limitations	3
VII.	Pre-Demolition Environmental Checklist.....	4
VIII.	Asbestos Laboratory Results.....	8
IX.	Floor Plans	9
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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the one family dwelling at 3278 North 21st Street, Milwaukee, Wisconsin. The dwelling is a one story wood framed structure with aluminum and wood walls and asphalt roofing.

II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On April 11, 2019, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 3278 North 21st Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Blown in insulation
- Tar paper
- Window glazing compound
- Asphalt roofing

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite,/tremolite), fibrous non asbestos

constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Appendix A.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – in west wall – blown in insulation	Negative	MBI
2	Exterior – in south wall – blown in insulation	Negative	MBI
3	Exterior – in east wall – blown in insulation	Negative	MBI
4	Exterior – west wall under wood siding – tar paper	Negative	MPT
5	Exterior – south wall under wood siding – tar paper	Negative	MPT
6	Exterior – east wall under wood siding – tar paper	Negative	MPT
7	Exterior – on west window – glazing compound	Negative	MPG
8	Exterior – on south window – glazing compound	Negative	MPG
9	Exterior – on east window – glazing compound	Negative	MPG

None of the materials sampled contain asbestos.

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Condition
Asphalt Shingles & Flashing	Roof	1,000 SF	Fair

Note #1: Asphalt roofing is a category I non friable asbestos containing material and was friable. Under NR 447 it does not currently meet the definition of regulated asbestos containing material (RACM) and need not be removed before demolition if the demolition debris does not become RACM and will be disposed at a Wisconsin licensed landfill.

Note#2: Category I – Non-Friable Asbestos Containing Materials may become RACM during mechanical demolition activities or maybe considered friable prior to demolition activities due to its condition at time of demolition.

Note#3: If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

Note#4: A copy of this report should be transmitted to the demolition contractor.

Homogeneous Material Codes

MBI	Blown in Insulation
MPT	Tar Paper
MPG	Window Glazing Compound

V. EXCLUSIONS

House interior not accessible due to severe fire damage. Not all areas within walls were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or inaccessible materials, or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

VI. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

ASBESTOS

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

CFCs and HALONS

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

MERCURY

Products that may contain mercury:

LIGHTING

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

ELECTRICAL SYSTEMS

<u> N/A </u>	Load Meters and Supply Relays
<u> N/A </u>	Phase Splitters
<u> N/A </u>	Microwave Relays
<u> N/A </u>	Mercury Displacement Relays

PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u> N/A </u>	Transformers
<u> N/A </u>	Capacitors (appliances, electronic equipment)
<u> N/A </u>	Heat Transfer Equipment
<u> N/A </u>	Ballasts
<u> N/A </u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u> N/A </u>	Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

<u> N/A </u>	Hazardous Waste
<u> N/A </u>	Oil Tanks
<u> N/A </u>	Well Abandonment
<u> N/A </u>	Junk Auto Tires
<u> N/A </u>	Junk Vehicles

VIII. ASBESTOS LABORATORY RESULTS



Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Harenda Management Group (5065)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 310889

Received 04/16/19
Analyzed 04/18/19
Reported 04/19/19

Attn:

Project:

Location: Wisconsin
Number: 19-400-037.3278

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310889-001	04/11/19	1	Wisconsin		
Layer 1:	Insulation			None Detected	65% CELLULOSE FIBER
	Beige, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
310889-002	04/11/19	2	Wisconsin		
Layer 1:	Insulation			None Detected	65% CELLULOSE FIBER
	Beige, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
310889-003	04/11/19	3	Wisconsin		
Layer 1:	Insulation			None Detected	65% CELLULOSE FIBER
	Beige, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
310889-004	04/11/19	4	Wisconsin		
Layer 1:	Felt			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
310889-005	04/11/19	5	Wisconsin		
Layer 1:	Felt			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
310889-006	04/11/19	6	Wisconsin		
Layer 1:	Felt			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
310889-007	04/11/19	7	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
310889-008	04/11/19	8	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3278

Method: EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310889-009	04/11/19	9	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%

Total layers analyzed on order: 9

310889-04/19/19 03:08 PM

Analyst **Mohammed Hashim**Reviewed By: **Irma Faszewski**
QAQC Director

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

SLG

SCHNEIDER LABORATORIES GLOBAL, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117
 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
 www.slabinc.com • info@slabinc.com

310889

X 9



V:1310\310889

fghraizi
UPS

4/16/2019 9:53:08 AM
 1Z2E2899846 728944

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3278				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____ Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day) Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
1	4/11/19								
2									
3									
4									
5									
6									
7									
8									
9									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jackson

Signature:

Date/Time

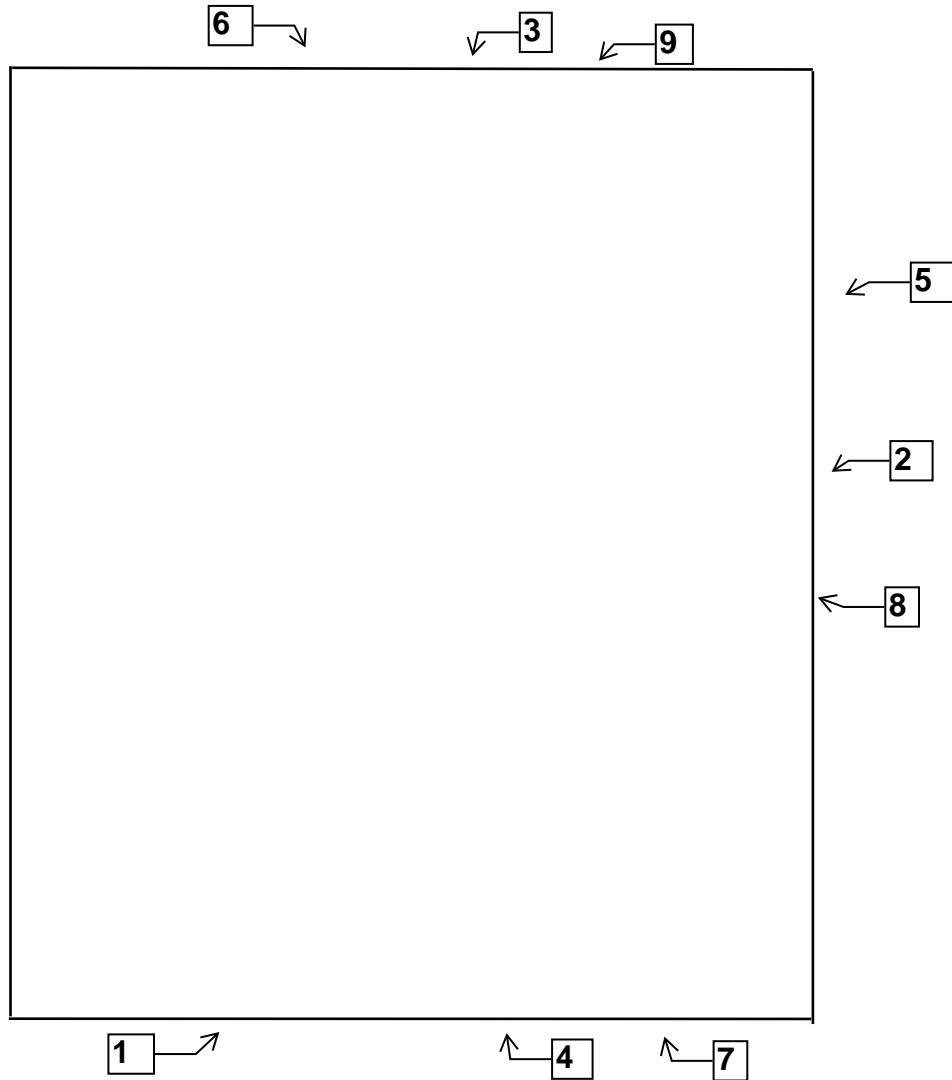
4/15/19/1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

IX. FLOOR PLANS

**One Family Dwelling
3278 North 21st Street
Milwaukee, Wisconsin**

1st Floor Plan



X. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company - Primary

Certificate Issue Date: 06/23/2017
Expiration Date: 08/31/2019, 12:01 a.m.
Certification #: CAP-480540

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876



Shelley A Bruce
Shelley A Bruce,
Unit Supervisor



Scott Walker
Governor

Linda Seemeyer
Secretary

August 27, 2018



State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659
MADISON WI 53701-2659

Telephone: 608 266-1251
FAX: 608 267-2832
TTY: 888-701-1253
dhs.wisconsin.gov

JAZMIN K C SPEARS
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-111055

Congratulations! Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

Follow Wisconsin law by making sure that you:

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos Online Certification website, www.dhs.wisconsin.gov/waldo, or by mailing a note to:

Lead and Asbestos Section
1 W. Wilson St., Room 137
P.O. Box 2659
Madison WI 53701-2659

4. Take refresher training well before the "Training due by" date printed on your blue card.
 - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.
Find asbestos training providers at www.dhs.wisconsin.gov/asbestos.
 - o Lead-certified individuals can refresh up to **1 year** before the due date.
Find lead training providers at www.dhs.wisconsin.gov/lead.
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at www.dhs.wisconsin.gov/lead or www.dhs.wisconsin.gov/asbestos.
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you assume professional responsibility. Contact us if you have any questions below and on the back of your blue card.

The Lead and Asbestos Certification Program
(608) 261-6876
DHSAsbestosLead@wi.gov
www.dhs.wisconsin.gov/asbestos
www.dhs.wisconsin.gov/lead

COPY

	ASBESTOS INSPECTOR		
	Issued By		
	STATE OF WISCONSIN		
	Dept. of Health Services		
Jazmin K C Spears			
1237 W Bruce St			
Milwaukee WI 53204-1218			
		198 lbs	5' 08"
AII-111055	Exp: 08/10/2019	10/19/1974	
Training due by: 08/10/2019			



PRE-DEMOLITION INSPECTION REPORT

Job Site:

**One Family Dwelling
3010 North 24th Street
Milwaukee, Wisconsin**

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

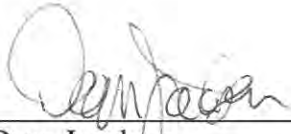
**HMG Report No.: 19-400-037.3010
Inspector: Jazmin Spears
Contract No.: 360-19-0975**

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204
(414) 383-4800

April 2019

Signature Page
Pre-Demolition Inspection Report
One Family Dwelling
3010 North 24th Street
Milwaukee, Wisconsin



Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/19
Harenda Management Group



Jazmin Spears
Asbestos Inspector No. AII – 111055
Expiration Date: 8/10/19
Harenda Management Group

April 30, 2019

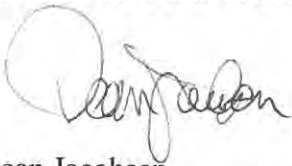
City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

RE: Pre-Demolition Inspection Report
3010 North 24th Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the one family dwelling at 3010 North 24th Street, Milwaukee, Wisconsin, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP



Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the one family dwelling at 3010 North 24th Street, Milwaukee, Wisconsin, prior to demolition. HMG conducted a visual inspection for asbestos and universal wastes. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was detected above 1% in transite siding, duct wrap, and 2nd floor and basement linoleum sampled during the inspection. Asbestos was detected at less than 1% in window glazing compound as verified by point counting. Asbestos was assumed to be in the asphalt roofing and floor tile/mastic. Results are in Section IV of this report.

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Pre-demolition Inspection Report

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the one family dwelling at 3010 North 24th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with transite and wood walls and asphalt roofing.

II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On April 12, 2019, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 3010 North 24th Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Transite siding
- Tar paper
- Paper insulation
- Caulk
- Linoleum
- Duct wrap
- Flue packing
- Window glazing compound
- Plaster
- Floor tile
- Asphalt roofing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Appendix A.

Sample #	Location and Description	Results	Homogeneous Code
4	Exterior – west wall – transite siding	Positive 20% Chrysotile	MTP
5	Exterior – south wall – transite siding	Positive 20% Chrysotile	MTP
6	Exterior – east wall – transite siding	Positive 20% Chrysotile	MTP
7	Exterior – west wall under transite siding – tar paper	Negative	MPT
8	Exterior – south wall under transite siding – tar paper	Negative	MPT
9	Exterior – east wall under transite siding – tar paper	Negative	MPT
10	Exterior – west wall under wood siding – tan paper insulation	Negative	MPIt
11	Exterior – south wall under wood siding – tan paper insulation	Negative	MPIt
12	Exterior – east wall under wood siding – tan paper insulation	Negative	MPIt
13	Exterior – on west window – beige caulk	Negative	MCLKe
14	Exterior – on south window – beige caulk	Negative	MCLKe
15	Exterior – on east window – beige caulk	Negative	MCLKe
16	1 st floor – kitchen – on west wall under plastic tile – beige mastic	Negative	MWMe
17	1 st floor – bathroom – on south wall under plastic tile – beige mastic	Negative	MWMe
18	1 st floor – bathroom – on east wall under plastic tile – beige mastic	Negative	MWMe

Sample #	Location and Description	Results	Homogeneous Code
19a	1 st floor – kitchen under sink – multicolored linoleum	Negative	MFLm
19b	1 st floor – kitchen under sink – under multicolored linoleum – tan mastic	Negative	MFLm
20a	1 st floor – bathroom – white linoleum	Negative	MFLw
20b	1 st floor – bathroom – under white linoleum – tan mastic	Negative	MFLw
22	2 nd floor – hall – 1' x 1' ceiling tile	Negative	MSCT11
23a	1 st floor – stair – beige and green linoleum	Negative	MFLeg
23b	1 st floor – stair – under beige and green linoleum – tan mastic	Negative	MFLeg
24a	2 nd floor – stair – beige and green linoleum	Negative	MFLeg
24b	2 nd floor – stair – under beige and green linoleum – tan mastic	Negative	MFLeg
25a	2 nd floor – landing – beige and green linoleum	Negative	MFLeg
25b	2 nd floor – landing – under beige and green linoleum – tan mastic	Negative	MFLeg
26a	2nd floor – west bedroom – beige and gold linoleum	Positive 20% Chrysotile	MFLed
26b	2 nd floor – west bedroom – under beige and gold linoleum – tan mastic	Negative	MFLed
27a	2 nd floor – west closet – green and black linoleum	Negative	MFLgk
27b	2 nd floor – west closet – under green and black linoleum – tan mastic	Negative	MFLgk
29a	2 nd floor – north bedroom – beige and brown linoleum	Negative	MFLen
29b	2 nd floor – north bedroom – under beige and brown linoleum – tan mastic	Negative	MFLen
30a	Basement – stair landing – beige and gold linoleum	Positive 20% Chrysotile	MFLed
30b	Basement – stair landing – under beige and gold linoleum – tan mastic	Negative	MFLed
31a	Basement – stair on steps – beige and gold linoleum	Positive 20% Chrysotile	MFLed
31b	Basement – stair on steps– under beige and gold linoleum – tan mastic	Negative	MFLed
32a	Basement – east side – yellow and cream linoleum	Negative	MFLlc
32b	Basement – east side – under yellow and cream linoleum – tan mastic	Negative	MFLlc
33a	Basement – south side – beige linoleum	Negative	MFLc
33b	Basement – south side – under beige linoleum – tan mastic	Negative	MFLc
34a	Basement – west side – white and beige linoleum	Negative	MFLwe
34b	Basement – west side – under white and beige linoleum – tan mastic	Negative	MFLwe
35	Basement – east side – duct wrap	Positive 60% Chrysotile	TDW
36	Basement – west side – duct wrap	Positive 60% Chrysotile	TDW
37	Basement – north side – duct wrap	Positive 60% Chrysotile	TDW
38a	Basement – on chimney – flue packing top layer	Negative	TFP
38b	Basement – on chimney – flue packing bottom layer	Negative	TFP
39	1 st floor – north bedroom – on north window – glazing compound	Positive 2% Chrysotile	MPG
39	POINT COUNT RESULT	Trace 0.75% Chrysotile	MPG

Sample #	Location and Description	Results	Homogeneous Code
40	2 nd floor – west bedroom – on west window – glazing compound	Positive 2% Chrysotile	MPG
40	POINT COUNT RESULT	Trace 0.5% Chrysotile	MPG
41	Basement – on west window – glazing compound	Positive 2% Chrysotile	MPG
41	POINT COUNT RESULT	Trace 0.75% Chrysotile	MPG
42a	1 st floor – dining room – south wall – plaster base coat	Negative	SPI
42b	1 st floor – dining room – south wall – plaster skim coat	Negative	SPI
43a	1 st floor – living room – north wall – plaster base coat	Negative	SPI
43b	1 st floor – living room – north wall – plaster skim coat	Negative	SPI
44a	1 st floor – bathroom – east wall – plaster base coat	Negative	SPI
44b	1 st floor – bathroom – east wall – plaster skim coat	Negative	SPI
45a	1 st floor – east bedroom – east wall – plaster base coat	Negative	SPI
45b	1 st floor – east bedroom – east wall – plaster skim coat	Negative	SPI
46a	1 st floor – kitchen – north wall – plaster base coat	Negative	SPI
46b	1 st floor – kitchen – north wall – plaster skim coat	Negative	SPI

Three (3) of the materials sampled contains greater than 1% asbestos and is an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Transite Siding	MTP	Exterior Walls	1,500 SF	Fair
Beige & Gold Linoleum	MFLed	2 nd Floor West Bedroom, Basement Steps & Landing	160 SF	Fair
Duct Wrap	TDW	Basement on Ducts	12 SF	Poor

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Condition
Asphalt Shingles & Flashing	House Roofs	900 SF	Fair
Floor Tile & Mastic	Kitchen	290 SF	Fair

One (1) of the materials sampled contains less than 1% asbestos:

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Window Glazing Compound	MPG	Windows on All Floors	25 Windows	Fair

The window glazing compound contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM.

Note #1: The beige and gold linoleum, duct wrap, and transite siding are friable and category II non-friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel

may remove ACMs from a building. Harenda Management Group recommends that the beige and gold linoleum and duct wrap be abated prior to demolition.

Note #2: Asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials and were not friable. Under NR 447 they do not currently meet the definition of regulated asbestos containing material (RACM) and need not be removed before demolition if the demolition debris does not become RACM and will be disposed at a Wisconsin licensed landfill.

Note#3: Category I – Non-Friable Asbestos Containing Materials may become RACM during mechanical demolition activities or maybe considered friable prior to demolition activities due to its condition at time of demolition.

Note#4: If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

Note#5: A copy of this report should be transmitted to the demolition contractor.

Note#6: Additional duct wrap may be within walls and ceilings.

Homogeneous Material Codes

SPI	Plaster
MTP	Transite Siding
MPT	Tar Paper
MPIt	Tan Paper Insulation
MCLKe	Beige Caulk
MWMe	Beige Wall Mastic
MFLm	Multicolored Linoleum
MFLw	White Linoleum
MFLeg	Beige & Green Linoleum
MFLeg	Beige & Gold Linoleum
MFLgk	Green & Black Linoleum
MFLen	Beige & Brown Linoleum
MFLlc	Yellow & Cream Linoleum
MFLc	Beige Linoleum
MFLwe	White & Beige Linoleum
MSCT11	1' x 1' Ceiling Tile
MPG	Window Glazing Compound
TDW	Duct Wrap
TFP	Flue Packing

V. EXCLUSIONS

Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or inaccessible materials, or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

VI. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

ASBESTOS

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

CFCs and HALONS

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

MERCURY

Products that may contain mercury:

LIGHTING

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

BOILERS, HEATERS AND TANKS

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

ELECTRICAL SYSTEMS – 1 Electrical Box in Basement

<u> N/A </u>	Load Meters and Supply Relays
<u> N/A </u>	Phase Splitters
<u> N/A </u>	Microwave Relays
<u> N/A </u>	Mercury Displacement Relays

PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u> N/A </u>	Transformers
<u> N/A </u>	Capacitors (appliances, electronic equipment)
<u> N/A </u>	Heat Transfer Equipment
<u> N/A </u>	Ballasts
<u> N/A </u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u> N/A </u>	Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

<u> N/A </u>	Hazardous Waste
<u> N/A </u>	Oil Tanks
<u> N/A </u>	Well Abandonment
<u> N/A </u>	Junk Auto Tires
<u> N/A </u>	Junk Vehicles

VIII. ASBESTOS LABORATORY RESULTS



Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Harenda Management Group (5065)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 310892

Received 04/16/19
Analyzed 04/19/19
Reported 04/19/19

Attn:

Project:

Location: Wisconsin
Number: 19-400-037.3010

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310892-001	04/12/19	4	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
310892-002	04/12/19	5	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
310892-003	04/12/19	6	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
310892-004	04/12/19	7	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
310892-005	04/12/19	8	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
310892-006	04/12/19	9	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
310892-007	04/12/19	10	Wisconsin		
Layer 1: Paper Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
310892-008	04/12/19	11	Wisconsin		
Layer 1: Paper Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3010

Method: EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310892-009	04/12/19	12	Wisconsin		
Layer 1: Paper Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
310892-010	04/12/19	13	Wisconsin		
Layer 1: Brittle Material Off White, Brittle				None Detected	100% NON FIBROUS MATERIAL
310892-011	04/12/19	14	Wisconsin		
Layer 1: Brittle Material Off White, Brittle				None Detected	100% NON FIBROUS MATERIAL
310892-012	04/12/19	15	Wisconsin		
Layer 1: Brittle Material Off White, Brittle				None Detected	100% NON FIBROUS MATERIAL
310892-013	04/12/19	16	Wisconsin		
Layer 1: Brittle Material Beige, Brittle				None Detected	100% NON FIBROUS MATERIAL
310892-014	04/12/19	17	Wisconsin		
Layer 1: Brittle Material Beige, Brittle				None Detected	100% NON FIBROUS MATERIAL
310892-015	04/12/19	18	Wisconsin		
Layer 1: Brittle Material Beige, Brittle				None Detected	100% NON FIBROUS MATERIAL
310892-016	04/12/19	19	Wisconsin		
Layer 1: Flooring Red/Black, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3010

Method: EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310892-017	04/12/19	20	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
310892-018	04/12/19	22	Wisconsin		
Layer 1: Ceiling Tile Tan, Fibrous				None Detected	40% CELLULOSE FIBER 40% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
310892-019	04/12/19	23	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
310892-020	04/12/19	24	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
310892-021	04/12/19	25	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3010

Method: EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310892-022	04/12/19	26	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
310892-023	04/12/19	27	Wisconsin		
Layer 1: Flooring Brown/Black, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
310892-024	04/12/19	29	Wisconsin		
Layer 1: Flooring Beige/Black, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
310892-025	04/12/19	30	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
310892-026	04/12/19	31	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3010

Method: EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310892-027	04/12/19	32	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
310892-028	04/12/19	33	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
310892-029	04/12/19	34	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
310892-030	04/12/19	35	Wisconsin		
Layer 1: Insulation Beige/Green, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
310892-031	04/12/19	36	Wisconsin		
Layer 1: Insulation Beige/Green, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
310892-032	04/12/19	37	Wisconsin		
Layer 1: Insulation Beige/Green, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
310892-033	04/12/19	38	Wisconsin		
Layer 1: Plaster Green, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat Beige, Granular				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3010

Method: EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310892-034	04/12/19	39	Wisconsin		
Layer 1:	Brittle Material			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Beige/Green, Brittle				
310892-035	04/12/19	40	Wisconsin		
Layer 1:	Brittle Material			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Beige/Green, Brittle				
310892-036	04/12/19	41	Wisconsin		
Layer 1:	Brittle Material			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Beige/Green, Granular				
310892-037	04/12/19	42	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
Layer 2:	Skim Coat			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
310892-038	04/12/19	43	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
Layer 2:	Skim Coat			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
310892-039	04/12/19	44	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
Layer 2:	Skim Coat			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
310892-040	04/12/19	45	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
Layer 2:	Skim Coat			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3010

Method: EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310892-041	04/12/19	46	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%**Total layers analyzed on order: 60**

310892-04/19/19 04:22 PM

Analyst **Mohammed Hashim**Reviewed By: **Hind Eldanaf**

Microscopy Supervisor

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

SLG

SCHNEIDER LABORATORIES GLOBAL, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117
 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
 www.slabinc.com • info@slabinc.com

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fghraizi
UPS

4/16/2019 9:53:08 AM
1Z2E2899846 728944

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3010				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day) Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
4	4/12/19								
5									
6									
7									
8									
9									
10									
11									
12									
13									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min × flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

Date/Time

4/15/19 1200

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 www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3010				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____ Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day) Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ²		Flow Rate ³		Total Air ⁴
					Start	Stop	Start	Stop	
14	4/12/19								
15									
16									
17									
18									
19									
20									
22									
23									
24									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End Of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 4/15/19 17:00

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct. #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3010				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
25	4/12/19								
26									
27									
29									
30									
31									
32									
33									
34									
35									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 4/15/19 17:50

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Submitting Co. Harenda Management Group		State of Collection WI	Cert. Required <input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct # 5065	Phone (414) 647-1530
Milwaukee, WI 53204		Email dean.jacobsen@kphenviromenmtal.com	
Project Name		PO #	
Project Location	Wisconsin	Special Instructions:	
Project Number	19-400-037.3010		
Collected By			

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour* <input type="checkbox"/> Same day* <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
36	4/12/19								
37									
38									
39									
40									
41									
42									
43									
44									
45									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 4/15/19 (780)

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3010				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
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		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
46	4/12/19								

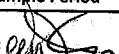
For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:



Date/Time:

4/15/19 1700

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Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Harenda Management Group (5065)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 311824

Attn:

Received 04/22/19
Analyzed 04/24/19
Reported 04/25/19

Project:

Location: Wisconsin
Number: 19-400-037.3010

Method: EPA 600/R-93/116 & 600/M4-82-020 with Point Count

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
311824-001	04/12/19	39	Wisconsin		
Layer 1: Glazing Beige/Green, Brittle, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
311824-002	04/12/19	40	Wisconsin		
Layer 1: Glazing Beige/Green, Brittle, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
311824-003	04/12/19	41	Wisconsin		
Layer 1: Glazing Beige/Green, Brittle, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%

Total layers analyzed on order: 3

Analyst **Mohammed Hashim**

311824-04/25/19 09:27 AM

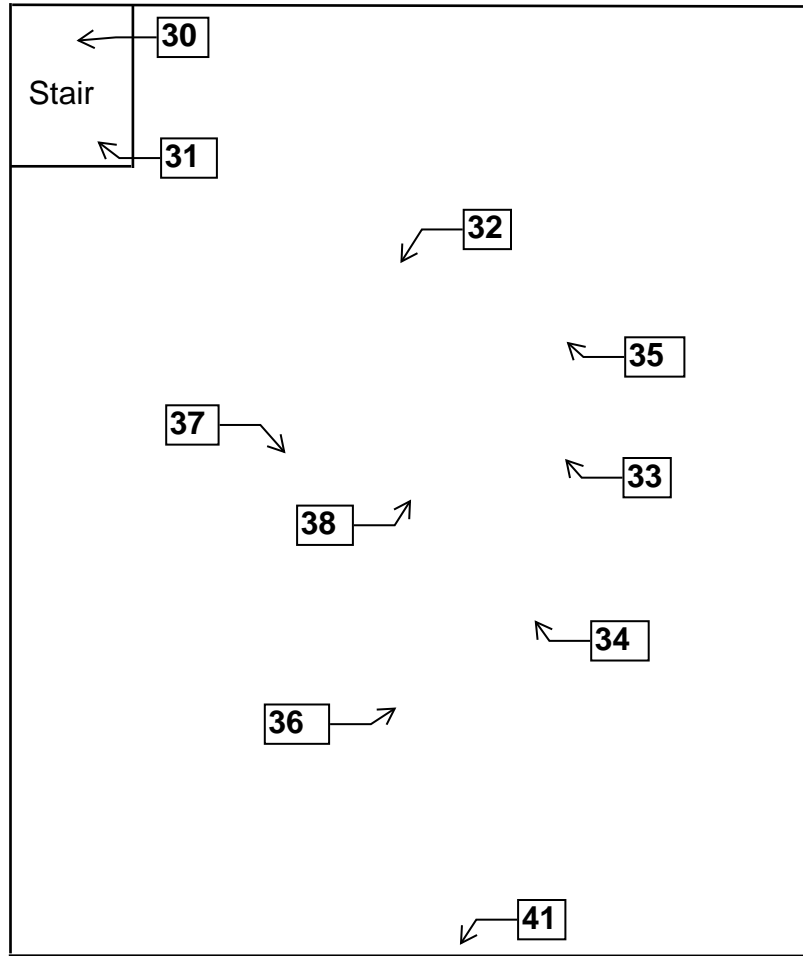
Reviewed By: **Irma Faszewski**
QAQC Director

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement. The test results reported relate only to the samples submitted.

IX. FLOOR PLANS

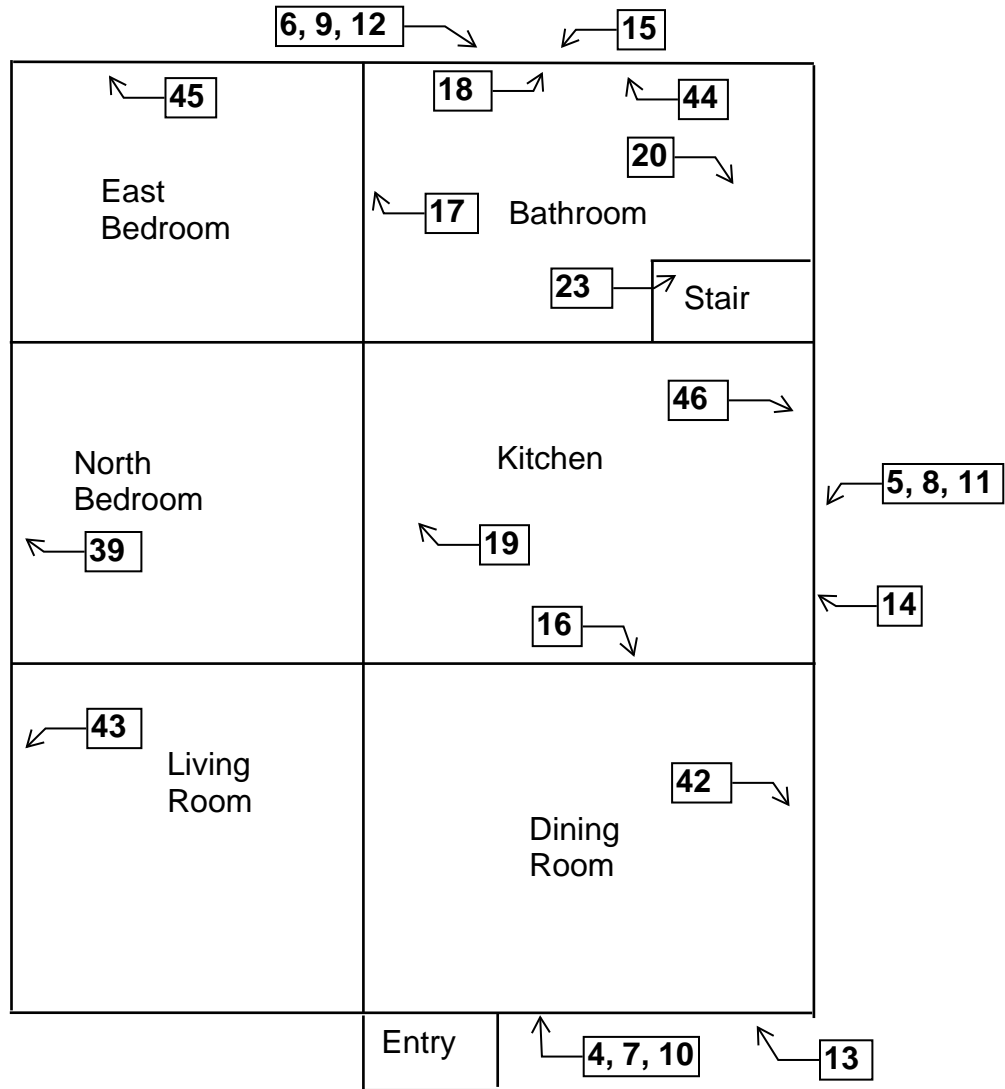
**One Family Dwelling
3010 North 24th Street
Milwaukee, Wisconsin**

Basement Floor Plan



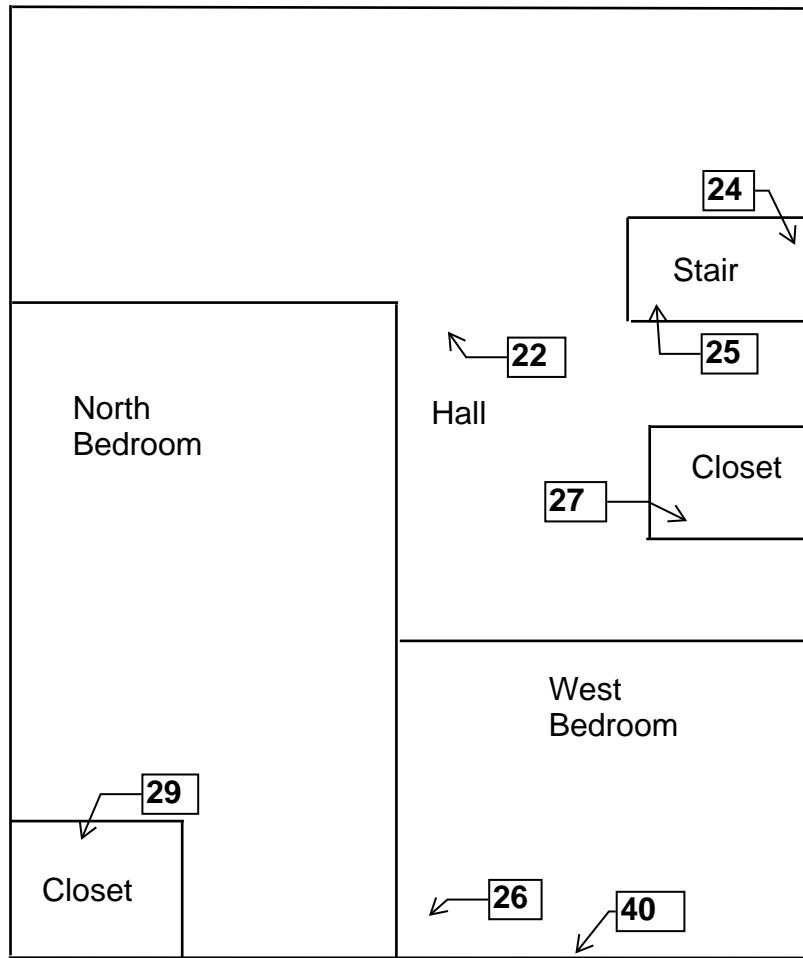
**One Family Dwelling
3010 North 24th Street
Milwaukee, Wisconsin**

1st Floor Plan



**One Family Dwelling
3010 North 24th Street
Milwaukee, Wisconsin**

2nd Floor Plan



X. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company - Primary

Certificate Issue Date: 06/23/2017
Expiration Date: 08/31/2019, 12:01 a.m.
Certification #: CAP-480540

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876



Shelley A Bruce
Shelley A Bruce,
Unit Supervisor



Scott Walker
Governor

Linda Seemeyer
Secretary

August 27, 2018



State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659
MADISON WI 53701-2659

Telephone: 608 266-1251
FAX: 608 267-2832
TTY: 888-701-1253
dhs.wisconsin.gov

JAZMIN K C SPEARS
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-111055

Congratulations! Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

Follow Wisconsin law by making sure that you:

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos Online Certification website, www.dhs.wisconsin.gov/waldo, or by mailing a note to:

Lead and Asbestos Section
1 W. Wilson St., Room 137
P.O. Box 2659
Madison WI 53701-2659

4. Take refresher training well before the "Training due by" date printed on your blue card.
 - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.
Find asbestos training providers at www.dhs.wisconsin.gov/asbestos.
 - o Lead-certified individuals can refresh up to **1 year** before the due date.
Find lead training providers at www.dhs.wisconsin.gov/lead.
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at www.dhs.wisconsin.gov/lead or www.dhs.wisconsin.gov/asbestos.
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you assume professional responsibility. Contact us if you have any questions below and on the back of your blue card.

The Lead and Asbestos Certification Process
(608) 261-6876
DHSAsbestosLead@wi.gov
www.dhs.wisconsin.gov/asbestos
www.dhs.wisconsin.gov/lead

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	ASBESTOS INSPECTOR		
	Issued By		
	STATE OF WISCONSIN		
	Dept. of Health Services		
Jazmin K C Spears			
1237 W Bruce St			
Milwaukee WI 53204-1218			
		198 lbs	5' 08"
AII-111055	Exp: 08/10/2019	10/19/1974	
Training due by: 08/10/2019			



PRE-DEMOLITION INSPECTION REPORT

Job Site:

**Fire Damaged
Two Family Dwelling
3257 North 26th Street
Milwaukee, Wisconsin**

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

**HMG Report No.: 19-400-037.3257
Inspector: Dean Jacobsen
Contract No.: 360-19-0975**

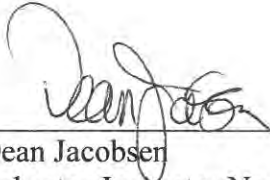
Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204
(414) 383-4800

December 2019

Signature Page

Pre-Demolition Inspection Report
Two Family Dwelling
3257 North 26th Street
Milwaukee, Wisconsin



Dean Jacobson
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/20
Harenda Management Group

December 20, 2019

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

RE: Pre-Demolition Inspection Report
3257 North 26th Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the two family dwelling at 3257 North 26th Street, Milwaukee, Wisconsin, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP



Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the two family dwelling and garage at 3257 North 26th Street, Milwaukee, Wisconsin, prior to demolition. HMG conducted a visual inspection for asbestos and universal wastes. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was detected above 1% in duct wrap on the basement and 1st floor ducts, and linoleum in the 1st floor bathroom sampled during the inspection. Asbestos was detected at the less than 1% in exterior caulk, plaster in the 1st floor, and basement flue packing, as verified by point count testing. Asbestos was assumed to be in the asphalt roofing on the dwelling and garage, and in the floor tile and mastic in the dwelling. Results are in Section IV of this report.

TABLE OF CONTENTS
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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the two family dwelling and garage at 3257 North 26th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with vinyl, asphalt, and wood walls and asphalt roofing. The garage has vinyl and wood walls and asphalt roofing.

II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On December 5, 2019, HMG conducted an asbestos inspection of a two family dwelling and garage, scheduled for mechanical demolition, located at 3257 North 26th Street, Milwaukee, Wisconsin. The inspection was conducted and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the buildings.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Asphalt shingle siding
- Paper insulation
- Blown in insulation
- Tar paper
- Glass block mortar
- Caulk
- Duct wrap
- Linoleum
- Drywall/joint compound
- Plaster
- Texture
- Fiberboard
- Flue packing
- Floor tile

- Asphalt roofing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Appendix A.

Sample #	Location and Description	Results	Homogeneous Code
1	House Exterior – south wall under vinyl siding – asphalt shingle siding	Negative	MSS
2	House Exterior – southwest wall under vinyl siding – asphalt shingle siding	Negative	MSS
3	House Exterior – north wall under vinyl siding – asphalt shingle siding	Negative	MSS
4	House Exterior – south wall under asphalt shingle siding – tan paper insulation	Negative	MPIt
5	House Exterior – southwest wall under asphalt shingle siding – tan paper insulation	Negative	MPIt
6	House Exterior – north wall under asphalt shingle siding – tan paper insulation	Negative	MPIt
7	House Exterior – in south wall – blown in insulation	Negative	MBI
8	1 st floor – east room – in north wall – blown in insulation	Negative	MBI
9	Attic – center under floor – blown in insulation	Negative	MBI
10	House Exterior – west wall under wood siding – tar paper	Negative	MPT

Sample #	Location and Description	Results	Homogeneous Code
11	House Exterior – west center wall under wood siding – tar paper	Negative	MPT
12	House Exterior – northwest wall under wood siding – tar paper	Negative	MPT
13	Basement – on west glad block window – mortar	Negative	MGBM
14a	House Exterior – around southwest window on asphalt siding – gray caulk	Positive 2% Chrysotile	MCLKy
14a	Point Count Result	Trace 0.75% Chrysotile	MCLKy
14b	House Exterior – around southwest window under gray caulk – black caulk	Negative	MCLKk
15	1st floor – east room – on duct in southeast wall – duct wrap	Positive 50% Chrysotile	TDW
16	Basement – on west side return – duct wrap	Positive 60% Chrysotile	TDW
17	1st floor – kitchen – on duct in east wall – duct wrap	Positive 50% Chrysotile	TDW
18	1 st floor – east room – brown linoleum	Negative	MFLn
21a	1 st floor – east room – north wall – drywall	Negative	MDW
21b	1 st floor – east room – north wall – joint compound	Negative	MDW
21c	1 st floor – east room – north wall – tar paper	Negative	MDW
22a	1 st floor – kitchen – east wall – drywall	Negative	MDW
22b	1 st floor – kitchen – east wall – joint compound	Negative	MDW
23	2 nd floor – southeast bedroom – north wall – joint compound	Negative	MDW
24	1 st floor – east room – north wall under drywall – plaster	Trace <1% Chrysotile	SPI
24	Point Count Result	Trace 0.25% Chrysotile	SPI
25a	1 st floor – kitchen – east wall – plaster base coat	Trace <1% Chrysotile	SPI
25a	Point Count Result	Trace 0.25% Chrysotile	SPI
25b	1 st floor – kitchen – east wall – plaster skim coat	Negative	SPI
26	1 st floor – rear stair – center wall – plaster	Negative	SPI
27	2 nd floor – northwest bedroom – west wall – plaster	Negative	SPI
28	2 nd floor – southeast bedroom – east wall – plaster	Negative	SPI
29	1 st floor – kitchen – east side top layer – brown and gray linoleum	Negative	MFLny
30	1 st floor – kitchen – west side top layer – brown and gray linoleum	Negative	MFLny
31	1 st floor – kitchen – north side top layer – brown and gray linoleum	Negative	MFLny
32a	1 st floor – kitchen – east side 3 rd layer – gray and cream linoleum	Negative	MFLyc
32b	1 st floor – kitchen – east side 3 rd layer – under gray and cream linoleum – yellow mastic	Negative	MFLyc
33a	1 st floor – kitchen – west side 3 rd layer – gray and cream linoleum	Negative	MFLyc
33b	1 st floor – kitchen – west side 3 rd layer – under gray and cream linoleum – yellow mastic	Negative	MFLyc
34a	1 st floor – kitchen – north side 3 rd layer – gray and cream linoleum	Negative	MFLyc

Sample #	Location and Description	Results	Homogeneous Code
34b	1 st floor – kitchen – north side 3 rd layer – under gray and cream linoleum – yellow mastic	Negative	MFLyc
35	1 st floor – bathroom top layer – gold linoleum	Negative	MFLd
36a	1 st floor – bathroom 3 rd layer – gray linoleum	Negative	MFLy
36b	1 st floor – bathroom 3 rd layer – under gray linoleum – clear mastic	Negative	MFLy
37a	1st floor – bathroom 4th layer – beige linoleum	Positive 20% Chrysotile	MFLe
37b	1 st floor – bathroom 4 th layer – under beige linoleum – beige mastic	Negative	MFLe
38a	1 st floor – bathroom – on north wall under plastic panel - gold mastic	Negative	MWMd
38b	1 st floor – bathroom – on north wall under gold mastic – white mastic	Negative	MWMw
39	1 st floor – west room – north side top layer – gray and tan linoleum	Negative	MFLyt
40	1 st floor – east room – north side top layer – gray and tan linoleum	Negative	MFLyt
41	1 st floor – south room – north side top layer – gray and tan linoleum	Negative	MFLyt
42a	1 st floor – rear stair landing – 2 nd layer – tan linoleum	Negative	MFLt
42b	1 st floor – rear stair landing – 3 rd layer – tar paper #2	Negative	MPT2
43a	2 nd floor – rear stair landing – 2 nd layer – tan linoleum	Negative	MFLt
43b	2 nd floor – rear stair landing – 3 rd layer – tar paper #2	Negative	MPT2
44a	2 nd floor – hall – 2 nd layer – tan linoleum	Negative	MFLt
44b	2 nd floor – hall – 3 rd layer – tar paper #2	Negative	MPT2
45	1 st floor – rear stair – on center wall – texture	Negative	STX
46	2 nd floor – rear stair – on south wall – texture	Negative	STX
47	2 nd floor – rear stair – on west wall – texture	Negative	STX
48	2 nd floor – northwest bedroom – brown and black linoleum	Negative	MFLnk
49	2 nd floor – southwest bedroom – gray and black linoleum	Negative	MFLyk
50	2 nd floor – southwest bedroom – on northeast wall – texture #2	Negative	STX2
51a	2 nd floor – kitchen top layer – yellow and gold linoleum	Negative	MFLld
51b	2 nd floor – kitchen top layer – under yellow and gold linoleum – beige mastic	Negative	MFLld
52	2 nd floor – bathroom – yellow linoleum	Negative	MFLl
53	Attic – northwest area – closet wall – fiberboard	Negative	MFB
54	Attic – northwest area – closet wall – under fiberboard - tar paper #3	Negative	MPT3
55	Basement – stair – on ceiling – texture #3	Negative	STX3
56	Basement – on west side of chimney – beige flue packing	Negative	TFPe
57	Basement – on east side of chimney – gray flue packing	Trace <1% Chrysotile	TFPy
57	Point Count Result	Trace 0.25% Chrysotile	TFPy

Two (2) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Beige Linoleum	MFLe	1 st Floor Bathroom 4 th Layer - Under 2 Layers Linoleum and Under Plywood	45 SF	Friable
Duct Wrap	TDW	Basement - On West Return & 4 Boots, 1 st Floor Rooms in Walls	90 SF	Friable

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	House & Garage Roofs	1,600 SF	Category I Non-Friable
Floor Tile & Mastic	1 st Floor Kitchen/Hall/West Room/Stair 2 nd Floor Hall/Kitchen	570 SF	Category I Non-Friable

Note #1: The duct wrap and beige linoleum are friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that the duct wrap and beige linoleum be abated prior to demolition.

Note #2: The asphalt roofing on the house and garage, and floor tile/mastic in the house, are category I non friable asbestos containing materials. Under NR 447 they do not currently meet the definition of regulated asbestos containing material (RACM) and need not be removed before demolition if the demolition debris does not become RACM and will be disposed at a Wisconsin licensed landfill.

Note#3: Category I – Non-Friable Asbestos Containing Materials may become RACM during mechanical demolition activities or maybe considered friable prior to demolition activities due to its condition at time of demolition.

Note#4: If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

Note#5: A copy of this report should be transmitted to the demolition contractor.

Note#6: Additional duct wrap may be within walls and ceilings.

Homogeneous Material Codes

SP1	Plaster Garage
STX	Texture Stair
STX2	Texture 2 nd Floor
STX3	Texture Basement Stair
MSS	Asphalt Shingle Siding
MPIt	Tan Paper Insulation
MBI	Blown in Insulation
MPT	Tar Paper Exterior
MPT2	Tar Paper 2 nd Floor
MPT2	Tar Paper Attic
MGBM	Glass Block Mortar
MCLKy	Gray Caulk

Homogeneous Material Codes

MFLn	Brown Linoleum
MFLny	Brown & Gray Linoleum
MFLyc	Gray & Cream Linoleum
MFLd	Gold Linoleum
MFLy	Gray Linoleum
MFLe	Beige Linoleum
MFLyt	Gray & Tan Linoleum
MFLt	Tan Linoleum
MFLnk	Brown & Black Linoleum
MFLyk	Gray & Black Linoleum
MFLld	Yellow & Brown Linoleum
MFLl	Yellow Linoleum
MDW	Drywall/Joint Compound
MWMd	Gold Wall Panel Mastic
MFB	Fiberboard
TDW	Duct Wrap
TFPy	Gray Flue Packing
TFPe	Beige Flue Packing

V. EXCLUSIONS

All floors in house covered with fire debris and only partially accessible. Severe fire damage to 2nd floor east side – these rooms not accessible. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or inaccessible materials, or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

VI. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the

Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

ASBESTOS

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

CFCs and HALONS

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

MERCURY

Products that may contain mercury:

LIGHTING

<u>12</u>	Fluorescent Lights – Exterior East Side, 1 st Floor Bathroom & West Room, 2 nd Floor Northwest Bedroom, Basement
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

ELECTRICAL SYSTEMS

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>N/A</u>	Ballasts – 1 st Floor Bathroom
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

<u>N/A</u>	Hazardous Waste
<u>N/A</u>	Oil Tanks
<u>N/A</u>	Well Abandonment
<u>N/A</u>	Junk Auto Tires
<u>N/A</u>	Junk Vehicles

VIII. ASBESTOS LABORATORY RESULTS



Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Harenda Management Group (5065)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 349971

Attn:

Received 12/06/19
Analyzed 12/10/19
Reported 12/13/19

Project:

Location: Wisconsin
Number: 19-400-037.3257

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
349971-001	12/19/19	1	Wisconsin		
Layer 1: Shingle				None Detected	20% CELLULOSE FIBER
Gray/Black, Granular/Bituminous					80% NON FIBROUS MATERIAL

Sample was inhomogenous, subsamples of each component were analyzed separately.

349971-002	12/19/19	2	Wisconsin		
Layer 1: Shingle				None Detected	20% CELLULOSE FIBER
Gray/Black, Granular/Bituminous					80% NON FIBROUS MATERIAL

Sample was inhomogenous, subsamples of each component were analyzed separately.

349971-003	12/19/19	3	Wisconsin		
Layer 1: Shingle				None Detected	20% CELLULOSE FIBER
Gray/Black, Granular/Bituminous					80% NON FIBROUS MATERIAL

Sample was inhomogenous, subsamples of each component were analyzed separately.

349971-004	12/19/19	4	Wisconsin		
Layer 1: Paper				None Detected	90% CELLULOSE FIBER
Brown, Fibrous					10% NON FIBROUS MATERIAL

349971-005	12/19/19	5	Wisconsin		
Layer 1: Paper				None Detected	90% CELLULOSE FIBER
Brown, Fibrous					10% NON FIBROUS MATERIAL

349971-006	12/19/19	6	Wisconsin		
Layer 1: Paper				None Detected	90% CELLULOSE FIBER
Brown, Fibrous					10% NON FIBROUS MATERIAL

349971-007	12/19/19	7	Wisconsin		
Layer 1: Insulation				None Detected	95% CELLULOSE FIBER
Brown, Fibrous					5% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3257

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
349971-008	12/19/19	8	Wisconsin		
Layer 1:	Insulation			None Detected	95% CELLULOSE FIBER
	Brown, Fibrous				5% NON FIBROUS MATERIAL
349971-009	12/19/19	9	Wisconsin		
Layer 1:	Insulation			None Detected	95% MINERAL/GLASS WOOL
	Gray, Fibrous				5% NON FIBROUS MATERIAL
349971-010	12/19/19	10	Wisconsin		
Layer 1:	Paper			None Detected	80% CELLULOSE FIBER
	Black, Bituminous/Fibrous				20% NON FIBROUS MATERIAL
349971-011	12/19/19	11	Wisconsin		
Layer 1:	Paper			None Detected	80% CELLULOSE FIBER
	Black, Bituminous/Fibrous				20% NON FIBROUS MATERIAL
349971-012	12/19/19	12	Wisconsin		
Layer 1:	Paper			None Detected	80% CELLULOSE FIBER
	Black, Bituminous/Fibrous				20% NON FIBROUS MATERIAL
349971-013	12/19/19	13	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
349971-014	12/19/19	14	Wisconsin		
Layer 1:	Granular Material			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Beige, Brittle				
Layer 2:	Bituminous Material			None Detected	100% NON FIBROUS MATERIAL
	Black, Bituminous				
349971-015	12/19/19	15	Wisconsin		
Layer 1:	Fibrous Material			50% CHRYSOTILE	30% CELLULOSE FIBER
	Beige, Fibrous				20% NON FIBROUS MATERIAL
349971-016	12/19/19	16	Wisconsin		
Layer 1:	Fibrous Material			60% CHRYSOTILE	40% NON FIBROUS MATERIAL
	Gray, Fibrous				
349971-017	12/19/19	17	Wisconsin		
Layer 1:	Fibrous Material			50% CHRYSOTILE	30% CELLULOSE FIBER
	Brown, Fibrous				20% NON FIBROUS MATERIAL

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Project:

Location: Wisconsin
Number: 19-400-037.3257

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
349971-018	12/19/19	18	Wisconsin		
Layer 1: Tile Brown, Organically Bound				None Detected	10% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
349971-019	12/19/19	21	Wisconsin		
Layer 1: Drywall Off White, Powdery				None Detected	3% CELLULOSE FIBER 97% NON FIBROUS MATERIAL
Layer 2: Joint Compound Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Fibrous Material Black, Bituminous/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
349971-020	12/19/19	22	Wisconsin		
Layer 1: Drywall Off White, Powdery				None Detected	2% CELLULOSE FIBER 2% MINERAL/GLASS WOOL 96% NON FIBROUS MATERIAL
Layer 2: Joint Compound Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
349971-021	12/19/19	23	Wisconsin		
Layer 1: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
349971-022	12/19/19	24	Wisconsin		
Layer 1: Plaster Gray, Granular				<1% CHRYSOTILE	100% NON FIBROUS MATERIAL
349971-023	12/19/19	25	Wisconsin		
Layer 1: Plaster Gray, Granular				<1% CHRYSOTILE	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat Off White, Granular				None Detected	100% NON FIBROUS MATERIAL
349971-024	12/19/19	26	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL

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Project:

Location: Wisconsin
Number: 19-400-037.3257

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
349971-025	12/19/19	27	Wisconsin		
Layer 1: Plaster Light Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
349971-026	12/19/19	28	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
349971-027	12/19/19	29	Wisconsin		
Layer 1: Tile Brown, Organically Bound				None Detected	10% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
349971-028	12/19/19	30	Wisconsin		
Layer 1: Tile Brown, Organically Bound				None Detected	10% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
349971-029	12/19/19	31	Wisconsin		
Layer 1: Tile Brown, Organically Bound				None Detected	10% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
349971-030	12/19/19	32	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Yellow, Brittle				None Detected	100% NON FIBROUS MATERIAL
349971-031	12/19/19	33	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Yellow, Brittle				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3257

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
349971-032	12/19/19	34	Wisconsin		
Layer 1: Tile				None Detected	20% CELLULOSE FIBER
Beige, Org.Bound/Fibrous					10% MINERAL/GLASS WOOL
					70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic				None Detected	100% NON FIBROUS MATERIAL
Yellow, Brittle					
349971-033	12/19/19	35	Wisconsin		
Layer 1: Tile				None Detected	20% CELLULOSE FIBER
Beige, Org.Bound/Fibrous					10% MINERAL/GLASS WOOL
					70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
349971-034	12/19/19	36	Wisconsin		
Layer 1: Tile				None Detected	100% NON FIBROUS MATERIAL
White/Gray, Organically Bound					
Layer 2: Mastic				None Detected	100% NON FIBROUS MATERIAL
Clear, Soft					
349971-035	12/19/19	37	Wisconsin		
Layer 1: Tile				20% CHRYSOTILE	5% CELLULOSE FIBER
Beige, Org.Bound/Fibrous					75% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic				None Detected	100% NON FIBROUS MATERIAL
Beige, Brittle					
349971-036	12/19/19	38	Wisconsin		
Layer 1: Mastic				None Detected	100% NON FIBROUS MATERIAL
Brown, Soft					
Layer 2: Granular Material				None Detected	100% NON FIBROUS MATERIAL
White, Granular					
349971-037	12/19/19	39	Wisconsin		
Layer 1: Tile				None Detected	10% MINERAL/GLASS WOOL
Brown, Organically Bound					90% NON FIBROUS MATERIAL
349971-038	12/19/19	40	Wisconsin		
Layer 1: Tile				None Detected	10% MINERAL/GLASS WOOL
Brown, Organically Bound					90% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3257

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
349971-039	12/19/19	41	Wisconsin		
Layer 1: Tile				None Detected	10% MINERAL/GLASS WOOL
Brown, Organically Bound					90% NON FIBROUS MATERIAL
349971-040	12/19/19	42	Wisconsin		
Layer 1: Tile				None Detected	15% CELLULOSE FIBER
Tan, Organically Bound					85% NON FIBROUS MATERIAL
Layer 2: Backing				None Detected	40% CELLULOSE FIBER
Black, Bituminous/Fibrous					60% NON FIBROUS MATERIAL
349971-041	12/19/19	43	Wisconsin		
Layer 1: Tile				None Detected	15% CELLULOSE FIBER
Tan, Organically Bound					85% NON FIBROUS MATERIAL
Layer 2: Backing				None Detected	40% CELLULOSE FIBER
Black, Bituminous/Fibrous					60% NON FIBROUS MATERIAL
349971-042	12/19/19	44	Wisconsin		
Layer 1: Tile				None Detected	15% CELLULOSE FIBER
Tan, Organically Bound					85% NON FIBROUS MATERIAL
Layer 2: Backing				None Detected	40% CELLULOSE FIBER
Black, Bituminous/Fibrous					60% NON FIBROUS MATERIAL
349971-043	12/19/19	45	Wisconsin		
Layer 1: Textured Material				None Detected	100% NON FIBROUS MATERIAL
Off White, Granular					
349971-044	12/19/19	46	Wisconsin		
Layer 1: Textured Material				None Detected	100% NON FIBROUS MATERIAL
Off White, Granular					
349971-045	12/19/19	47	Wisconsin		
Layer 1: Textured Material				None Detected	100% NON FIBROUS MATERIAL
Off White, Granular					
349971-046	12/19/19	48	Wisconsin		
Layer 1: Tile				None Detected	10% MINERAL/GLASS WOOL
Brown, Organically Bound					90% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3257

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
349971-047	12/19/19	49	Wisconsin		
Layer 1: Tile Brown, Organically Bound				None Detected	10% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
349971-048	12/19/19	50	Wisconsin		
Layer 1: Textured Material Off White, Granular				None Detected	100% NON FIBROUS MATERIAL
349971-049	12/19/19	51	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastix Beige, Soft				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
349971-050	12/19/19	52	Wisconsin		
Layer 1: Tile Yellow, Org.Bound/Fibrous				None Detected	15% MINERAL/GLASS WOOL 85% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
349971-051	12/19/19	53	Wisconsin		
Layer 1: Ceiling Tile Brown, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
349971-052	12/19/19	54	Wisconsin		
Layer 1: Paper Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
349971-053	12/19/19	55	Wisconsin		
Layer 1: Textured Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
349971-054	12/19/19	56	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
349971-055	12/19/19	57	Wisconsin		
Layer 1: Granular Material Beige, Granular				<1% CHRYSOTILE	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3257

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
-----------	-----------	----------	----------	-----------------	-----------------

EPA Regulatory Limit: 1%

Total layers analyzed on order: 70

349971-12/13/19 10:48 AM



Analyst **Jada Wilson**



Reviewed By: **Hind Eldanaf**
Microscopy Supervisor

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

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349971 O 55
V:\349\349971
afowler 12/6/2019 9:45:00 AM
UPS 1Z2E2899846257910

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3257				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start Stop	Flow Rate ³ Start Stop	Total Air ⁴
1	12/5/19						
2							
3							
4							
5							
6							
7							
8							
9							
10							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion

²Beginning/End of Sample Period

³Liters/Minute

⁴Volume in Liters (time in min x flow in L/min)

Relinquished By: Dean Jacobsen

Signature:

Date/Time

12/5/19 1200

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www.slabinc.com • info@slabinc.com

Submitting Co	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3257				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Stop	Flow Rate ³ Start	Stop	Total Air ⁴
11	12/5/19								
12									
13									
14									
15									
16									
17									
18									
21									
22									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion

²Beginning/End of Sample Period

³Liters/Minute

⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time: 12/5/19 1700

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3257				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start Stop	Flow Rate ³ Start Stop	Total Air ⁴
23	12/5/19						
24							
25							
26							
27							
28							
29							
30							
31							
32							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time

12/5/19 1700

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3257				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
33	12/5/19								
34									
35									
36									
37									
38									
39									
40									
41									
42									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time: 12/5/19 1700

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Submitting Co:	Harenda Management Group	State of Collection:	WI	Cert. Required:	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3257				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start Stop	Flow Rate ³ Start Stop	Total Air ⁴
43	12/5/19						
44							
45							
46							
47							
48							
49							
50							
51							
52							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time 12/5/19 1700

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Analysis Report

Schneider Laboratories Global, Inc

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804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Harenda Management Group (5065)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 351359

Attn:

Received 12/16/19
Analyzed 12/17/19
Reported 12/17/19

Project:

Location: Wisconsin
Number: 19-400-037.3257

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
351359-001	12/05/19	14	Wisconsin		
Layer 1: Granular Material Beige, Granular, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
351359-002	12/05/19	24	Wisconsin		
Layer 1: Plaster Gray, Granular, Homogenous				0.25% CHRYSOTILE	99.75% NON FIBROUS MATERIAL
351359-003	12/05/19	25	Wisconsin		
Layer 1: Plaster Gray, Granular, Homogenous				0.25% CHRYSOTILE	99.75% NON FIBROUS MATERIAL
351359-004	12/05/19	57	Wisconsin		
Layer 1: Granular Material Beige, Granular, Homogenous				0.25% CHRYSOTILE	99.75% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%

Total layers analyzed on order: 4

Analyst **Jada Wilson**

351359-12/17/19 10:47 AM

Reviewed By: **Hind Eldanaf**

Microscopy Supervisor

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement. The test results reported relate only to the samples submitted.

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351359

S 4



V:351\351359

afowler 12/16/2019 1:43:00 PM
Hand Delivered

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3257				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input checked="" type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	Asbestos in Bulk <input type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input checked="" type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
14	12/5/19		beige granular						
24									
25			gray plaster						
57									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

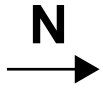
Signature:

Date/Time 12/16/19 1235

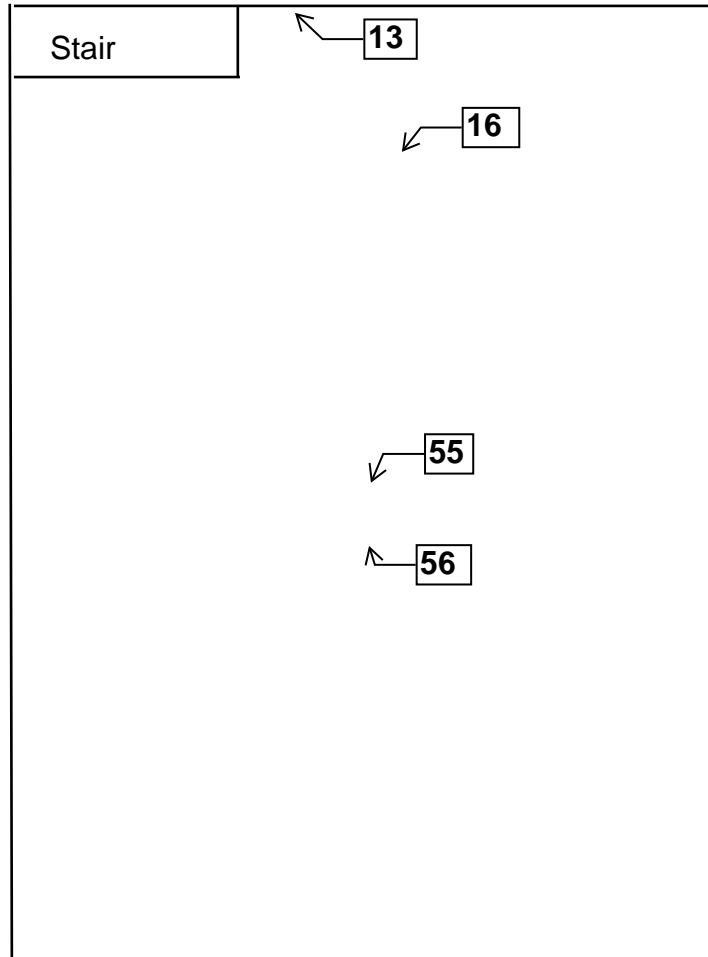
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

IX. FLOOR PLANS

**Two Family Dwelling
3257 North 26th Street
Milwaukee, Wisconsin**

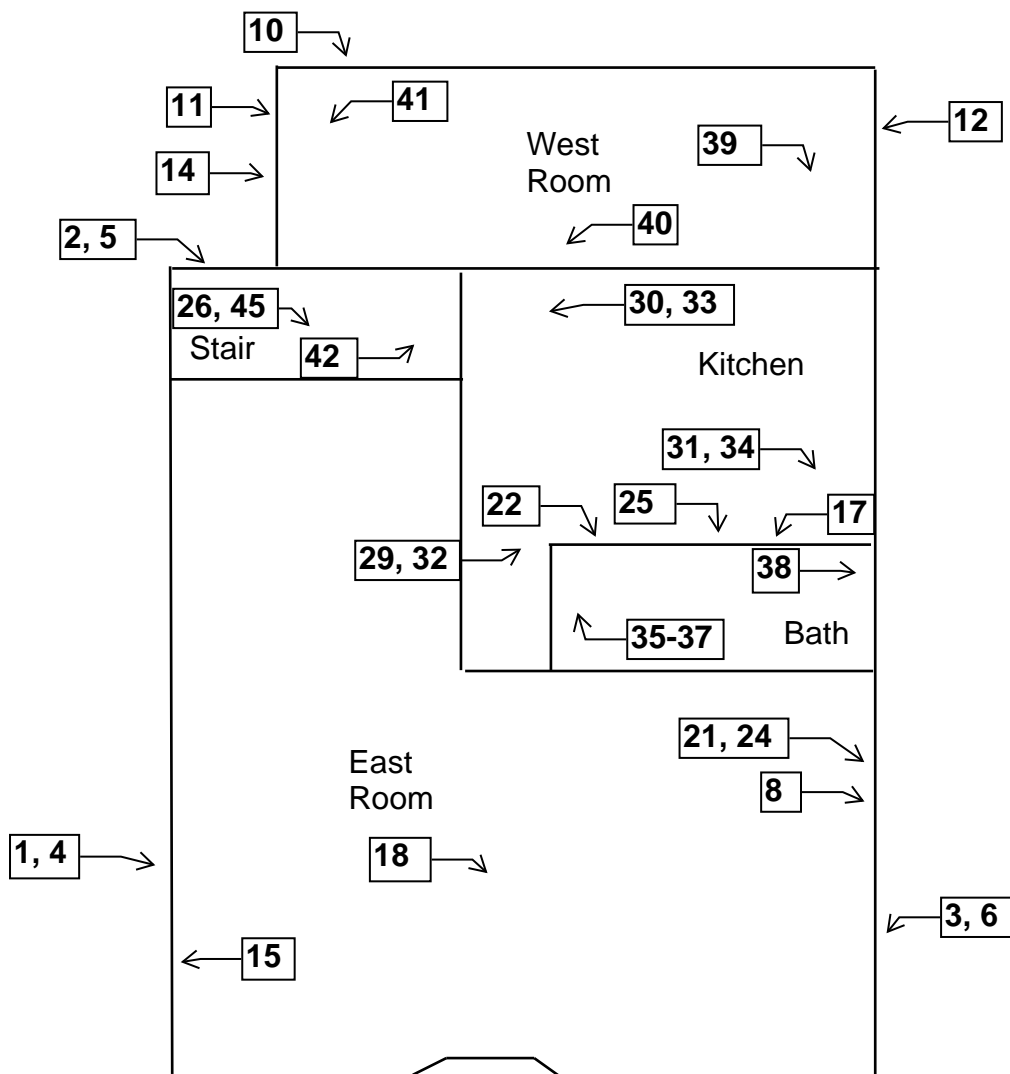
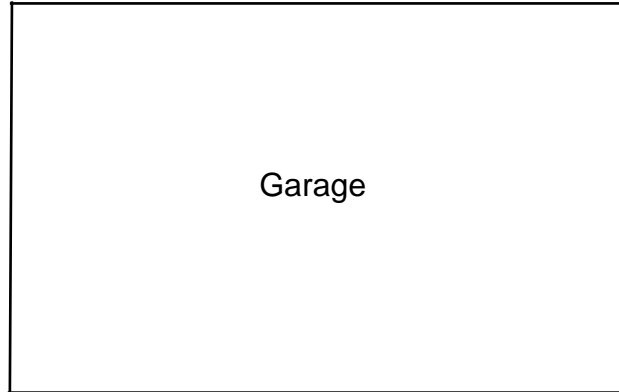


Basement Floor Plan



**Two Family Dwelling
3257 North 26th Street
Milwaukee, Wisconsin**

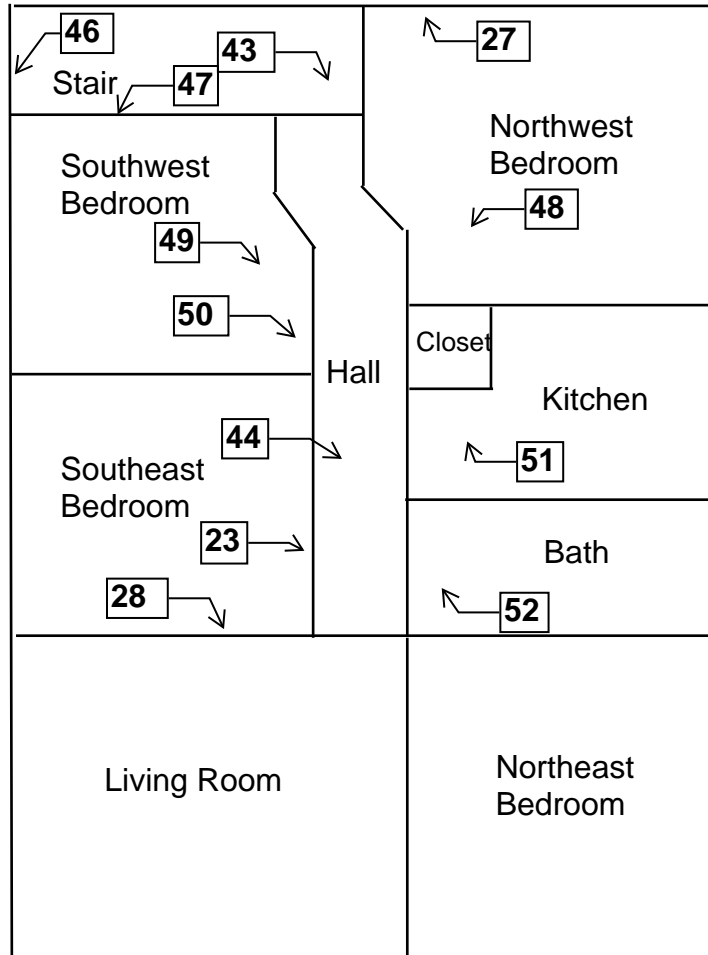
1st Floor Plan



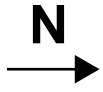
**Two Family Dwelling
3257 North 26th Street
Milwaukee, Wisconsin**



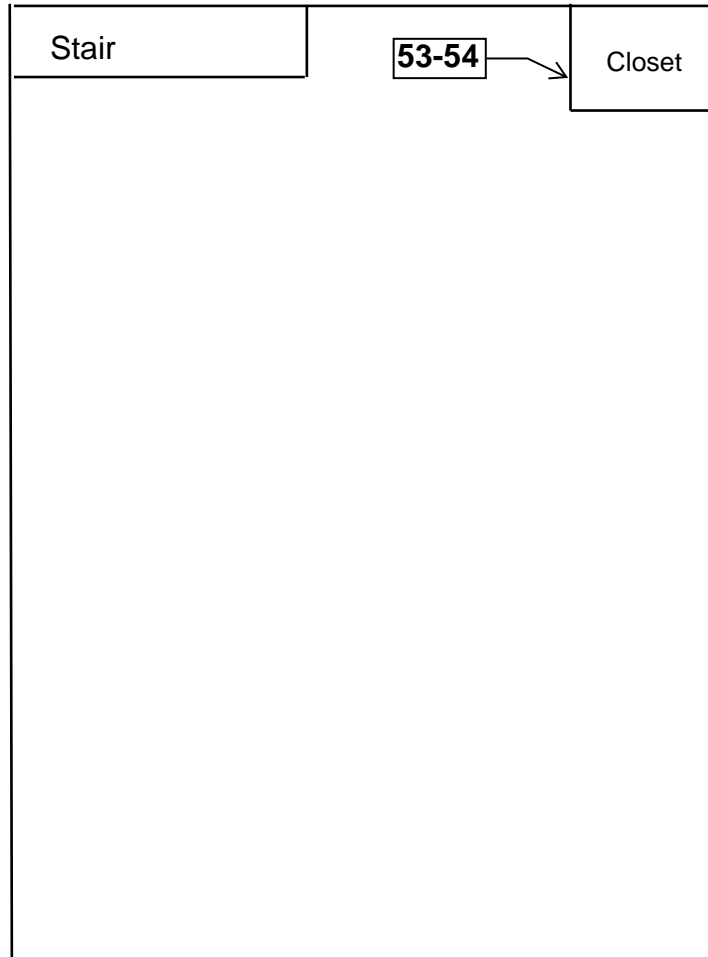
2nd Floor Plan



**Two Family Dwelling
3257 North 26th Street
Milwaukee, Wisconsin**



Attic Floor Plan



X. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company -- Primary

Certificate Issue Date: 07/23/2019
Expiration Date: 08/31/2021, 12:01 a.m.
Certification #: CAP-480540

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876



Miriam Hasan
Miriam Hasan, Unit Supervisor

Tony Evers
Governor

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Secretary



State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659
MADISON WI 53701-2659

Telephone: 608 266-1251
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dhs.wisconsin.gov

December 6, 2019

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

Congratulations! Your new Wisconsin certification card is enclosed. Please look it over and call us right away if anything on your blue card is wrong.

Follow Wisconsin law by making sure that you:

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos Online Certification website, www.dhs.wisconsin.gov/waldo, or by mailing a note to:

Lead and Asbestos Section
1 W. Wilson St., Room 137
P.O. Box 2659
Madison WI 53701-2659
4. Take refresher training well before the "Training due by" date printed on your blue card.
 - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.
Find asbestos training providers at www.dhs.wisconsin.gov/asbestos.
 - o Lead-certified individuals can refresh up to **1 year** before the due date.
Find lead training providers at www.dhs.wisconsin.gov/lead.
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at www.dhs.wisconsin.gov/lead or www.dhs.wisconsin.gov/asbestos.
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you protect your own and others' health and show professional responsibility. Contact us if you have a question. See the information below and on the back of your blue card.

The Lead and Asbestos Certification Program
(608) 261-6876
DHSAsbestosLead@wi.gov
www.dhs.wisconsin.gov/asbestos
www.dhs.wisconsin.gov/lead

COPY

		ASBESTOS INSPECTOR	
		Issued By	
		STATE OF WISCONSIN	
		Dept. of Health Services	
		Dean T Jacobsen	
		W131s6781 Kipling Dr	
		Muskego WI 53150-3401	
		160 lbs	5' 08"
AII-14370	Exp: 12/02/2020	12/12/1963	
Training due by: 12/02/2020			



DECONSTRUCTION INSPECTION REPORT

Job Site:

**Fire Damaged
One Family Dwelling
3743 North 26th Street
Milwaukee, Wisconsin**

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

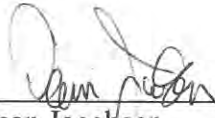
**HMG Report No.: 19-400-037. 3743
Inspector: Cecil Trawick
Contract No.: 360-19-0975**

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204
(414) 383-4800

November 2019

Signature Page
Deconstruction Inspection Report
One Family Dwelling
3743 North 26th Street
Milwaukee, Wisconsin



Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/19
Harenda Management Group



Cecil Trawick
Asbestos Inspector No. AII – 104769
Expiration Date: 10/2/20
Harenda Management Group

November 26, 2019

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report
3743 North 26th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection one family dwelling at 3047 North 21st Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP



Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the one family dwelling at 3743 North 26th Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in duct wrap, basement linoleum, and exterior front porch light insulation pad sampled during the inspection. Results are in Section IV of this report.

Lead was detected in paint on the exterior basement walls and porch columns. Results are in Section V of this report.

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling at 3743 North 26th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. It has vinyl and wood walls with asphalt roofing.

II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On November 11, 2019, HMG conducted an asbestos inspection and lead inspection of a one family dwelling, scheduled for deconstruction, located at 3743 North 26th Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Plaster
- Paper Insulation
- Window glazing compound
- Duct wrap
- Ceramic tile
- Ceiling tile
- Linoleum
- Flue packing
- Drywall
- Floor tile
- Asphalt roofing
- Caulk

- Light fixture pad
- Fiberboard
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

III. ASBESTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall under wood siding – black paper insulation	Negative	MPIk
2	Exterior – south wall under wood siding – black paper insulation	Negative	MPIk
3	Exterior – west wall under wood siding – black paper insulation	Negative	MPIk
4	1 st floor – living room – on east window – glazing compound	Negative	MPG
5	1 st floor – northwest bedroom – on north window – glazing compound	Negative	MPG
6	Basement – on south window – glazing compound	Negative	MPG
7a	1 st floor – front entry – north wall – plaster base coat	Negative	SPI
7b	1 st floor – front entry – north wall – plaster skim coat	Negative	SPI

Sample #	Location and Description	Results	Homogeneous Code
8a	1 st floor – living room – west wall – plaster base coat	Negative	SPI
8b	1 st floor – living room – west wall – plaster skim coat	Negative	SPI
9a	1 st floor – dining room – north wall – plaster base coat	Negative	SPI
9b	1 st floor – dining room – north wall – plaster skim coat	Negative	SPI
10	1 st floor – northeast bedroom – west wall – plaster	Negative	SPI
11	1 st floor – hall – north wall – plaster	Negative	SPI
12	1 st floor – kitchen – east wall – plaster	Negative	SPI
13	1 st floor – northwest bedroom – west wall – plaster	Negative	SPI
14	1 st floor – living room – on west wall duct – duct wrap	Positive 60% Chrysotile	TDW
15	1 st floor – dining room – on north wall duct – duct wrap	Positive 60% Chrysotile	TDW
16	1 st floor – northeast bedroom – on south wall duct – duct wrap	Positive 60% Chrysotile	TDW
17a	1 st floor – bathroom – on lower half east wall – pink ceramic tile	Negative	MCTMp
17b	1 st floor – bathroom – on lower half east wall – under pink ceramic tile – black mastic	Negative	MCTMp
18	1 st floor – bathroom – 2' x 4' ceiling tile	Negative	MSCT24
19a	1 st floor – kitchen – on south wall – white ceramic tile	Negative	MCTMw
19b	1 st floor – kitchen – on south wall – under white ceramic tile – brown mastic	Negative	MCTMw
20a	Basement – north center – white linoleum	Negative	MFLw
20b	Basement – north center – under white linoleum – tan mastic	Negative	MFLw
21	Basement – on chimney – flue packing	Negative	TFP
22a	Basement – bathroom – brown linoleum	Positive 20% Chrysotile	MFLn
22b	Basement – bathroom – under brown linoleum – tan mastic	Negative	MFLn
23	1 st floor – kitchen – south wall – drywall	Negative	MDW
24a	Basement – southeast under carpet – tan and blue linoleum	Positive 20% Chrysotile	MFLtb
24b	Basement – southeast – under tan and blue linoleum – tan mastic	Negative	MFLtb
25a	Basement – east center under carpet – tan and blue linoleum	Positive 20% Chrysotile	MFLtb
25b	Basement – east center – under tan and blue linoleum – tan mastic	Negative	MFLtb
26a	Basement – south center under carpet – tan and blue linoleum	Positive 20% Chrysotile	MFLtb
26b	Basement – south center – under tan and blue linoleum – tan mastic	Negative	MFLtb
27a	Basement – center – 12" beige and tan floor tile	Negative	MF12et
27b	Basement – center – under 12" beige and tan floor tile – tan mastic	Negative	MF12et
28a	1 st floor – bathroom – 12" tan floor tile	Negative	MF12t
28b	1 st floor – bathroom – under 12" tan floor tile – tan mastic	Negative	MF12t
29	Garage – roof – green asphalt shingle	Negative	MRSg
30	Shed – roof – black and blue asphalt shingle	Negative	MRSkb
31a	House – roof southeast – gray and blue asphalt shingle	Negative	MRSyb
31b	House – roof southeast – under gray and blue asphalt shingle – tar paper	Negative	MPT
32a	House – roof west side – gray and blue asphalt shingle	Negative	MRSyb

Sample #	Location and Description	Results	Homogeneous Code
32b	House – roof west side – under gray and blue asphalt shingle – tar paper	Negative	MPT
33a	House – roof northeast – gray and blue asphalt shingle	Negative	MRSyb
33b	House – roof northeast – under gray and blue asphalt shingle – tar paper	Negative	MPT
34a	House – roof south center over window – tan caulk	Negative	MCLKt
34b	House – roof south center over window – black tar flashing	Negative	MRF
34c	House – roof south center over window – under tar flashing – gray layer	Negative	MRF
35	Exterior – around basement windows – clear caulk	Negative	MCLKc
36	Exterior – on front porch light – insulation pad	Positive 60% Chrysotile	TIP
37	Exterior – east wall under aluminum siding – fiberboard	Negative	MFB

Three (3) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Duct Wrap	TDW	Ducts in 1 st Floor Walls	20 SF	Friable
Tan & Blue Linoleum	MFLtb	Basement South Side Under Carpet	200 SF	Friable
Insulation Pad	TIP	Exterior Front Porch Light	1 SF	Friable

Note #1: The ACMs listed above are friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harendra Management Group recommends that these materials be abated prior to deconstruction.

Note#2: If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

Note#3: A copy of this report should be transmitted to the deconstruction contractor.

Note#4: Additional duct wrap may be within walls and ceilings.

Homogeneous Material Codes

SPI	Plaster
MPIk	Black Paper Insulation
MPG	Window Glazing Compound
MCTMp	Pink Ceramic Tile
MCTMw	White Ceramic Tile
MSCT24	2' x 4' Ceiling Tile
MFLw	White Linoleum
MFLn	Brown Linoleum
MFLtb	Tan & Blue Linoleum
MDW	Drywall
MF12et	12" Beige & Tan Floor Tile
MF12t	12" Tan Floor Tile
MPMI	Yellow Wall Panel Mastic
MRSg	Green Asphalt Shingle
MRSkb	Black & Blue Asphalt Shingle

Homogeneous Material Codes

MRSyb	Gray & Blue Asphalt Shingle
MRF	Tar Flashing
MCLKt	Tan Caulk
MCLKc	Clear Caulk
MFB	Fiberboard
TDW	Duct Wrap
TFP	Flue Packing
TIP	Insulation Pad

V. LEAD PAINT INSPECTION

A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 3743 North 26th Street, Milwaukee, Wisconsin, took place on November 11, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

B. Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

Interior: 3743 North 26th Street, Milwaukee, Wisconsin

- **Painted masonry was observed on the interior block walls. Lead based paint was not detected.**

Exterior: 3743 North 26th Street, Milwaukee, Wisconsin

- **Painted masonry was observed on the exterior porch columns and basement walls. Lead based paint was not detected.**

The following are the laboratory results.

Site: 2841 North 29th Street, Milwaukee, Wisconsin

Date: 8/6/19

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Exterior	Porch Column	Block	Gray	0.090
P2	Basement	South Wall	Block	White	<0.0031

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

VI. EXCLUSIONS

2nd floor and attic fire damaged and unsafe to enter – these floor not accessible. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

ASBESTOS

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

CFCs and HALONS

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

MERCURY

Products that may contain mercury:

LIGHTING

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

ELECTRICAL SYSTEMS – 1 Electrical Box in Basement

<u> N/A </u>	Load Meters and Supply Relays
<u> N/A </u>	Phase Splitters
<u> N/A </u>	Microwave Relays
<u> N/A </u>	Mercury Displacement Relays

PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u> N/A </u>	Transformers
<u> N/A </u>	Capacitors (appliances, electronic equipment)
<u> N/A </u>	Heat Transfer Equipment
<u> N/A </u>	Ballasts
<u> N/A </u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u> N/A </u>	Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

<u> N/A </u>	Hazardous Waste
<u> N/A </u>	Oil Tanks
<u> N/A </u>	Well Abandonment
<u> N/A </u>	Junk Auto Tires
<u> N/A </u>	Junk Vehicles

* 1 Gas Meter on Exterior

IX. ASBESTOS LABORATORY RESULTS



Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Harenda Management Group (5065)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 348320

Received 11/22/19
Analyzed 11/22/19
Reported 11/26/19

Attn:

Project:

Location: Wisconsin
Number: 19-400-037.3743

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
348320-001	11/20/19	1	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
348320-002	11/20/19	2	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
348320-003	11/20/19	3	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
348320-004	11/20/19	4	Wisconsin		
Layer 1: Granular Material Beige/Brown, Granular				None Detected	100% NON FIBROUS MATERIAL
348320-005	11/20/19	5	Wisconsin		
Layer 1: Granular Material Beige/Brown, Granular				None Detected	100% NON FIBROUS MATERIAL
348320-006	11/20/19	6	Wisconsin		
Layer 1: Granular Material Beige/Brown, Granular				None Detected	100% NON FIBROUS MATERIAL
348320-007	11/20/19	7	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3743

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
348320-008	11/20/19	8	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
348320-009	11/20/19	9	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
348320-010	11/20/19	10	Wisconsin		
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
348320-011	11/20/19	11	Wisconsin		
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
348320-012	11/20/19	12	Wisconsin		
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
348320-013	11/20/19	13	Wisconsin		
Layer 1: Granular Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
348320-014	11/20/19	14	Wisconsin		
Layer 1: Fibrous Material Beige, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
348320-015	11/20/19	15	Wisconsin		
Layer 1: Fibrous Material Beige, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3743

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
348320-016	11/20/19	16	Wisconsin		
Layer 1:	Fibrous Material			60% CHRYSOTILE	20% CELLULOSE FIBER
	Beige, Fibrous				10% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
348320-017	11/20/19	17	Wisconsin		
Layer 1:	Ceramic Tile			None Detected	100% NON FIBROUS MATERIAL
	Beige, Hard				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Black, Brittle				
348320-018	11/20/19	18	Wisconsin		
Layer 1:	Ceiling Tile			None Detected	40% CELLULOSE FIBER
	Beige, Fibrous				40% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
348320-019	11/20/19	19	Wisconsin		
Layer 1:	Ceramic Tile			None Detected	100% NON FIBROUS MATERIAL
	Off White/Black, Hard				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Brown, Brittle				
348320-020	11/20/19	20	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Beige, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
348320-021	11/20/19	21	Wisconsin		
Layer 1:	Hard Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard				
348320-022	11/20/19	22	Wisconsin		
Layer 1:	Flooring			20% CHRYSOTILE	20% CELLULOSE FIBER
	Beige/Green, Org.Bound/Fibrous				10% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3743

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
348320-023	11/20/19	23	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
348320-024	11/20/19	24	Wisconsin		
Layer 1: Flooring Beige/Green, Org.Bound/Fibrous				20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
348320-025	11/20/19	25	Wisconsin		
Layer 1: Flooring Beige/Green, Org.Bound/Fibrous				20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
348320-026	11/20/19	26	Wisconsin		
Layer 1: Flooring Beige/Green, Org.Bound/Fibrous				20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
348320-027	11/20/19	27	Wisconsin		
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
348320-028	11/20/19	28	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3743

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
348320-029	11/20/19	29	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Green, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
348320-030	11/20/19	30	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
348320-031	11/20/19	31	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2:	Felt			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
348320-032	11/20/19	32	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2:	Felt			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
348320-033	11/20/19	33	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black/Red, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2:	Felt			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.3743

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
348320-034	11/20/19	34	Wisconsin		
Layer 1:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
Layer 2:	Mastic			None Detected	2% CELLULOSE FIBER
	Black, Bituminous				98% NON FIBROUS MATERIAL
Layer 3:	Mastic			None Detected	2% CELLULOSE FIBER
	Gray/Black, Bituminous				98% NON FIBROUS MATERIAL
348320-035	11/20/19	35	Wisconsin		
Layer 1:	Soft Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Soft				
348320-036	11/20/19	36	Wisconsin		
Layer 1:	Fibrous Material			60% CHRYSOTILE	20% CELLULOSE FIBER
	White/Silver, Fibrous				10% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
348320-037	11/20/19	37	Wisconsin		
Layer 1:	Fibrous Material			None Detected	70% CELLULOSE FIBER
	Tan, Fibrous				30% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%**Total layers analyzed on order: 54****348320-11/26/19 12:44 PM**Analyst **Mohammed Hashim**Reviewed By: **Hind Eldanaf**

Microscopy Supervisor

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

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X 37



V:348348320

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UPS11/22/2019 9:45:36 AM
1Z2E2899846 1329011

Submitting Co.	Harendra Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3743				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
1	11/20/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By:

Dean Jacobsen

Signature:

[Signature]

Date/Time

11/20/19/1200

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3743				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance	<input type="checkbox"/> Air	Asbestos in Bulk	Metals Total	TCLP	Microbiology
	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
	<input type="checkbox"/> Soil	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
	<input type="checkbox"/> Wipe	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<input type="checkbox"/> Allergens
	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury		
<input type="checkbox"/> Waste Water	<input type="checkbox"/> Gravimetric Prep				
<input type="checkbox"/> Ground Water	Asbestos in Air	Gravimetric	Miscellaneous	Sub-Contract	
<input type="checkbox"/> Drinking Water	<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM Chatfield	
<input type="checkbox"/> TSP / PM10	<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> TEM AHERA	
<input type="checkbox"/>				<input type="checkbox"/> TEM 7402	
				<input type="checkbox"/> Silica XRD (7500)	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start Stop	Flow Rate ³ Start Stop	Total Air ⁴
11	4/20/19						
12							
13							
14							
15							
16							
17							
18							
19							
20	✓						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 4/20/19 1200

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3743				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air	Asbestos in Bulk	Metals Total	TCLP	Microbiology
	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
	<input type="checkbox"/> Soil	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
	<input type="checkbox"/> Wipe	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<input type="checkbox"/> Allergens
	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury		
<input type="checkbox"/> Waste Water	<input type="checkbox"/> Gravimetric Prep				
<input type="checkbox"/> Ground Water		Asbestos in Air	Gravimetric	Miscellaneous	Sub-Contract
<input type="checkbox"/> Drinking Water	<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM Chatfield	
<input type="checkbox"/> TSP / PM10	<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> TEM AHERA	
<input type="checkbox"/>				<input type="checkbox"/> TEM 7402	
				<input type="checkbox"/> Silica XRD (7500)	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start Stop	Flow Rate ³ Start Stop	Total Air ⁴
21	11/20/19						
22							
23							
24							
25							
26							
27							
28							
29							
30							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 11/20/19/12:00

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3743				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air	Asbestos in Bulk	Metals Total	TCLP	Microbiology
	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
	<input type="checkbox"/> Soil	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
	<input type="checkbox"/> Wipe	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<input type="checkbox"/> Allergens
	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury		
<input type="checkbox"/> Waste Water	<input type="checkbox"/> Gravimetric Prep				
<input type="checkbox"/> Ground Water		Asbestos in Air	Gravimetric	Miscellaneous	Sub-Contract
<input type="checkbox"/> Drinking Water	<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM Chatfield	
<input type="checkbox"/> TSP / PM10	<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> TEM AHERA	
<input type="checkbox"/>				<input type="checkbox"/> TEM 7402	
				<input type="checkbox"/> Silica XRD (7500)	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start Stop	Flow Rate ³ Start Stop	Total Air ⁴
31	11/20/19						
32							
33							
34							
35							
36							
37							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 11/20/19/200

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X. LEAD LABORATORY RESULTS



Analysis Report

Schneider Laboratories Global, Inc

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Customer: Harenda Management Group (5065)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 348256

Matrix Paint
Received 11/22/19
Analyzed 11/22/19
Reported 11/25/19

Attn:

Project:

Location: Wisconsin
Number: 19-400-037.3743

PO Number:

Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	% / Wt.	Conc.	RL*
348256-001	P1	Wisconsin	11/20/19	285 mg			
Lead		EPA 7000B		256 µg	0.0900 %	900 mg/kg	35.1 mg/kg
348256-002	P2	Wisconsin	11/20/19	320 mg			
Lead		EPA 7000B		<10.0 µg	<0.00313 %	<31.3 mg/kg	31.3 mg/kg

Analyst: ST
348256-11/25/19 01:35 PM

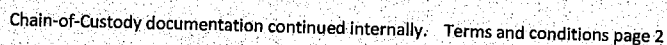
Irma Faszewski

Reviewed By: **Irma Faszewski**
QAQC Director

Federal Lead Paint Statute

Location	Clearance	Unit
Lead in paint by weight	< 0.50	%
Lead in paint as PPM	< 5000	mg/kg

Minimum reporting limit: 10.0 µg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).

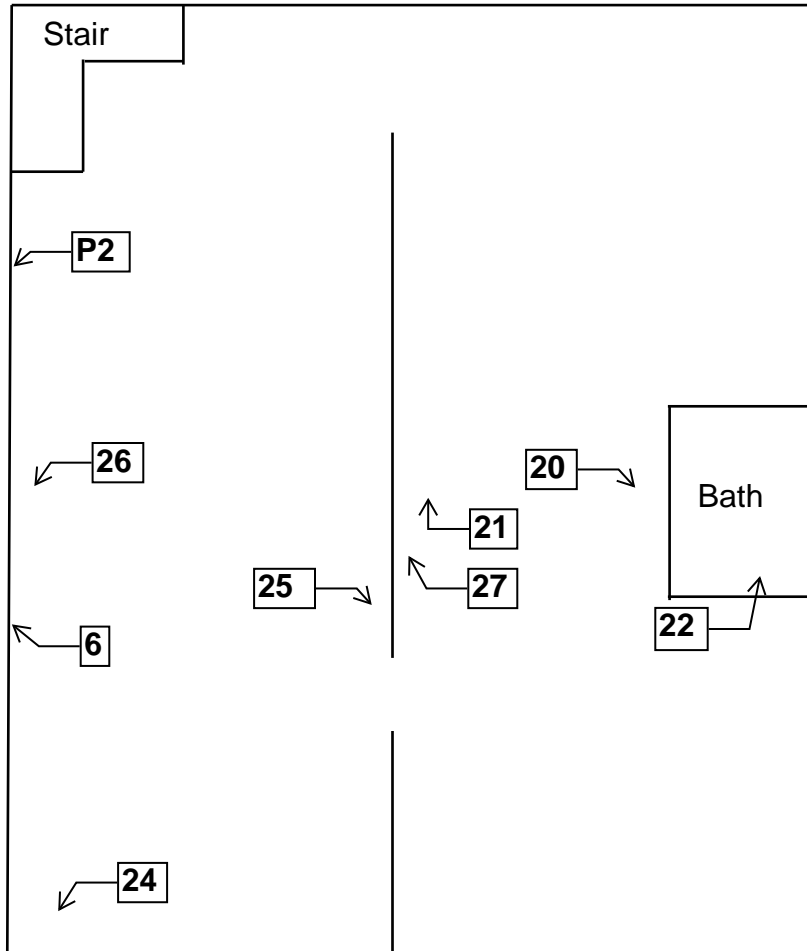


XI. FLOOR PLANS

**One Family Dwelling
3743 North 26th Street
Milwaukee, Wisconsin**



1st Floor Plan



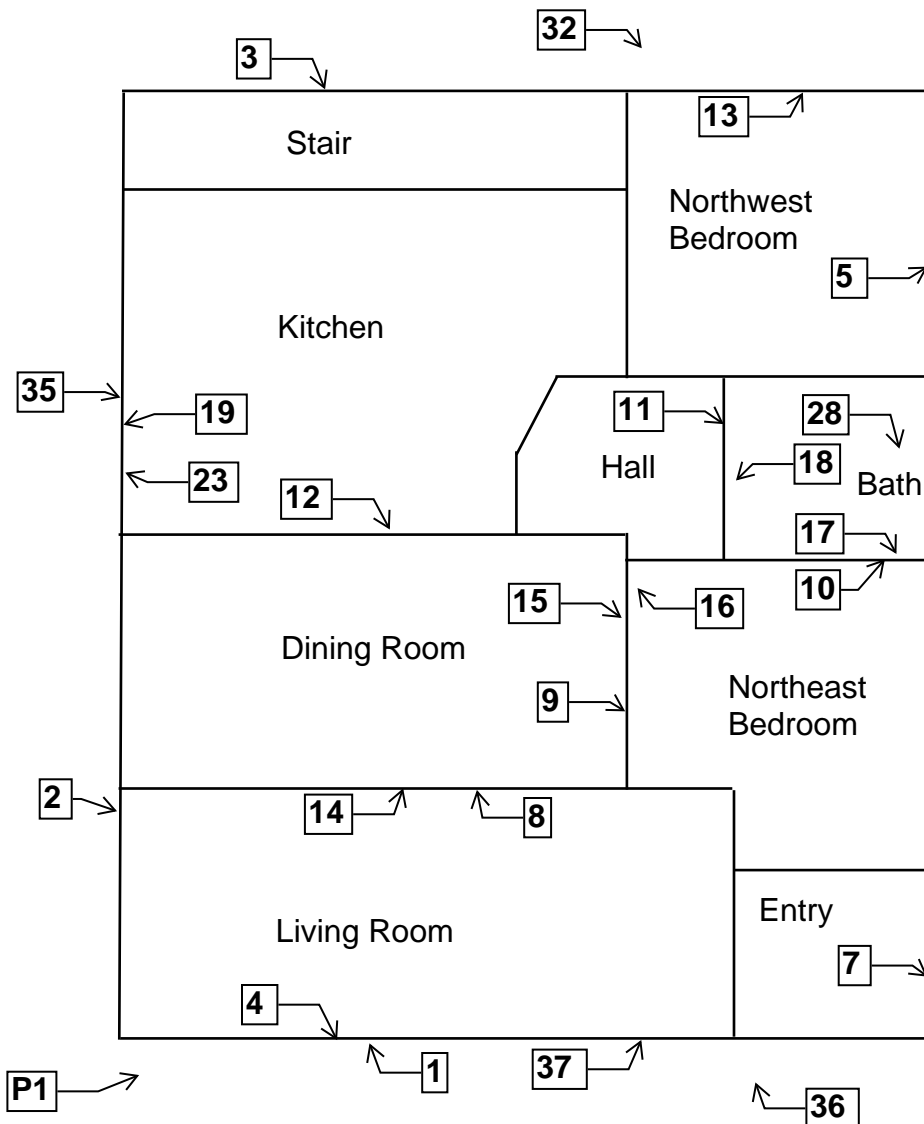
One Family Dwelling
3743 North 26th Street
Milwaukee, Wisconsin

1st Floor Plan

N

Garage

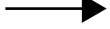
Shed



**One Family Dwelling
3743 North 26th Street
Milwaukee, Wisconsin**

Roof Floor Plan

N



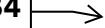
Garage

29

Shed

30

34



31



33



XII. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company -- Primary

Certificate Issue Date: 07/23/2019
Expiration Date: 08/31/2021, 12:01 a.m.
Certification #: CAP-480540

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876



Miriam Hasan
Miriam Hasan, Unit Supervisor

ASBESTOS INSPECTOR
Issued By
STATE OF WISCONSIN
Dept. of Health Services

Cecil James Trawick Jr
5624 N 97th Street
Milwaukee WI 53222 2502

		222 lbs	5' 08"
AII-104769	Exp: 10/02/2020	07/09/1971	

Training due by: 10/02/2020

COPY



DECONSTRUCTION INSPECTION REPORT

Job Site:

**Two Family Dwelling
3744-46 North 27th Street
Milwaukee, Wisconsin**

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

**HMG Report No.: 18-400-024.3744-46
Inspector: Damian Rogowski
Contract No.: 360-18-0975**

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204
(414) 383-4800

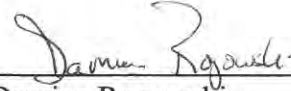
December 2018

Signature Page

Deconstruction Inspection Report
Two Family Dwelling
3744-46 North 27th Street
Milwaukee, Wisconsin



Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/18
Harenda Management Group



Damian Rogowski
Asbestos Inspector No. AII – 161300
Expiration Date: 3/19/19
Harenda Management Group

December 27, 2018

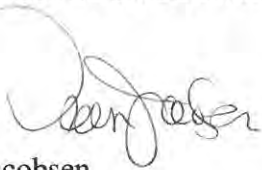
City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report
3744-46 North 27th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3744-46 North 27th Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP



Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 3744-46 North 27th Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in transite siding, window glazing compound, and duct wrap sampled during the inspection. Results are in Section IV of this report.

Lead was detected in paint on the interior basement walls. Results are in Section V of this report.

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling and garage at 3744-46 North 27th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house and garage have vinyl and wood walls with asphalt roofing.

II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On December 5, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling and garage, scheduled for deconstruction, located at 3744-46 North 27th Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Transite siding
- Tar paper
- Paper insulation
- Caulk
- Asphalt roofing
- Drywall/joint compound
- Plaster
- Glazing compound
- Ceramic tile
- Floor tile
- Linoleum
- Duct wrap

- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite,/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – north wall – transite siding	Positive 20% Chrysotile	MTP
2	Exterior – east wall – transite siding	Positive 20% Chrysotile	MTP
3	Exterior – south wall – transite siding	Positive 20% Chrysotile	MTP
4	Exterior – north wall under transite – tar paper	Negative	MPT
5	Exterior – east wall under transite – tar paper	Negative	MPT
6	Exterior – south wall under transite – tar paper	Negative	MPT
7	Exterior – north wall under wood siding – black paper insulation	Negative	MPIk

Sample #	Location and Description	Results	Homogeneous Code
8	Exterior – east wall under wood siding – black paper insulation	Negative	MPIk
9	Exterior – south wall under wood siding – black paper insulation	Negative	MPIk
10	Exterior – on north window – white caulk	Negative	MCLKw
11	Exterior – on east window – white caulk	Negative	MCLKw
12	Exterior – on south window – white caulk	Negative	MCLKw
13	House Roof – north side – brown and blue asphalt shingle	Negative	MRSnb
14	House Roof – east side – brown and blue asphalt shingle	Negative	MRSnb
15	House Roof – west side – brown and blue asphalt shingle	Negative	MRSnb
16	Garage Roof – north side – black asphalt shingle	Negative	MRSk
17	Garage Roof – west side – black asphalt shingle	Negative	MRSk
18	Garage Roof – south side – black asphalt shingle	Negative	MRSk
19	Garage – north wall under vinyl siding – drywall	Negative	MDW2
20	Garage – west wall under vinyl siding – drywall	Negative	MDW2
21	Garage – south wall under vinyl siding – drywall	Negative	MDW2
22	Garage – on south window – glazing compound	Positive 3% Chrysotile	MPG
23	1 st floor – living room – on south window – glazing compound	Negative	MPG
24	1 st floor – northeast bedroom – on north window – glazing compound	Trace <1% Chrysotile	MPG
25	1 st floor – dining room – north wall – plaster skim coat	Negative	SPI
25	1 st floor – dining room – north wall – plaster base coat	Negative	SPI
26	1 st floor – living room – west wall – plaster skim coat	Negative	SPI
26	1 st floor – living room – west wall – plaster base coat	Negative	SPI
27	Attic – stair – east wall – plaster skim coat	Negative	SPI
27	Attic – stair – east wall – plaster base coat	Negative	SPI
28	2 nd floor – living room – north wall – plaster skim coat	Negative	SPI
28	2 nd floor – living room – north wall – plaster base coat	Negative	SPI
29	2 nd floor – kitchen – north wall – plaster skim coat	Negative	SPI
29	2 nd floor – kitchen – north wall – plaster base coat	Negative	SPI
30a	1 st floor – front stair – north wall – joint compound	Negative	MDW
30b	1 st floor – front stair – north wall – drywall	Negative	MDW
31a	1 st floor – bathroom – west wall – joint compound	Negative	MDW
31b	1 st floor – bathroom – west wall – drywall	Negative	MDW
32a	1 st floor – kitchen – west wall – joint compound	Negative	MDW
32b	1 st floor – kitchen – west wall – drywall	Negative	MDW
33	1 st floor – hall – under wood floor – red paper insulation	Negative	MPIr
34	1 st floor – northwest bedroom – under wood floor – red paper insulation	Negative	MPIr
35	1 st floor – living room – under wood floor – red paper insulation	Negative	MPIr
36	1 st floor – bathroom floor – 1' white ceramic tile	Negative	MCTM1w
37	1 st floor – bathroom – on north wall – 4" white ceramic tile	Negative	MCTM4w
38	1 st floor – bathroom – under shower wall panel – tan mastic	Negative	MPMt
39	1 st floor – kitchen north side – 12" tan and brown floor tile	Negative	MF12t
40	1 st floor – kitchen center – 12" tan and brown floor tile	Negative	MF12t
41	2 nd floor – kitchen – 12" tan and brown floor tile	Negative	MF12t
42	Attic – southeast in box – 12" tan floor tile	Negative	STX
43	Basement – stair – yellow linoleum	Negative	MFLI
44	Basement – on east duct – duct wrap	Positive 70% Chrysotile	TDW

Sample #	Location and Description	Results	Homogeneous Code
45	Basement – on north duct – duct wrap	Positive 70% Chrysotile	TDW
46	Basement – on south duct – duct wrap	Positive 70% Chrysotile	TDW

Three (3) of the materials sampled contains greater than 1% asbestos and is an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Transite Siding	TDW	House Exterior Walls	2,500 SF	Good
Duct Wrap	TDW	Basement on Ducts	25 SF	Poor
Window Glazing Compound	MPG	Basement, 1 st Floor & Garage Windows	15 Older Windows	Fair

Note #1: The ACMs listed above are friable and category II non friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

Note#2: If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

Note#3: A copy of this report should be transmitted to the deconstruction contractor.

Note#4: Additional duct wrap may be within walls and ceilings.

Homogeneous Material Codes

SPl	Plaster
MTP	Transite
MPT	Tar Paper
MPik	Black Paper Insulation
MPir	Red Paper Insulation
MCLKw	White Caulk
MRSnb	Brown & Blue Asphalt Shingle
MRSk	Black Asphalt Shingle
MDW	Drywall Garage
MDW2	Drywall/Joint Compound
MPG	Glazing Compound
MCTM1w	1' White Ceramic Tile
MCTM4w	4" White Ceramic Tile
MPMt	Tan Wall Panel Mastic
MF12tn	12" Tan & Brown Floor Tile
MF12t	12" Tan Floor Tile
MFLl	Yellow Linoleum
TDW	Duct Wrap

V. LEAD PAINT INSPECTION

A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 3744-46 North 27th Street, Milwaukee, Wisconsin, took place on December 5, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

B. Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

Interior: 3744-46 North 27th Street, Milwaukee, Wisconsin

- Painted block was observed on the interior basement walls. Lead based paint was not detected.

Exterior: 3744-46 North 27th Street, Milwaukee, Wisconsin

- Painted masonry was not observed on the exterior.

The following are the laboratory results.

Site: 3744-46 North 27th Street, Milwaukee, Wisconsin

Date: 12/5/18

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Basement	North Wall	Block	White	<0.00498
P2	Basement	South Wall	Block	Blue	0.0134

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just

for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

VI. EXCLUSIONS

Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantum Laboratories for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

ASBESTOS

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

CFCs and HALONS

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

MERCURY

Products that may contain mercury:

LIGHTING

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS – 2 Furnaces in Basement

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

ELECTRICAL SYSTEMS - 3 Electric Boxes in Basement

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>N/A</u>	Ballasts
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

<u>N/A</u>	Hazardous Waste
<u>N/A</u>	Oil Tanks
<u>N/A</u>	Well Abandonment
<u>N/A</u>	Junk Auto Tires
<u>N/A</u>	Junk Vehicles

- * 1 Water Meter, 2 Gas Meters & 6 Gallons Paint in Basement
- * 1 Gallon Paint in Garage

IX. ASBESTOS LABORATORY RESULTS



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	302741	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	12/07/2018		1237 West Bruce St.
Received By:	Taylor Van Syckle		Milwaukee, WI 53204
Date Analyzed:	12/27/2018	Project:	DNS
Analyzed By:	Gayle Ooten	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3744-46

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3
002	2	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3
003	3	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3
004	4	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
005	5	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
006	6	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
007	7	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
009	9	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
010	10	Homogeneous	White Caulk	Asbestos Not Present	NA	Silicone
011	11	Homogeneous	White Caulk	Asbestos Not Present	NA	Silicone
012	12	Homogeneous	White Caulk	Asbestos Not Present	NA	Silicone
013	13	Homogeneous	Blue Shingle	Asbestos Not Present	Cellulose 20	Sand Tar

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Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3744-46

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Homogeneous	Blue Shingle	Asbestos Not Present	Cellulose 20	Sand Tar
015	15	Homogeneous	Blue Shingle	Asbestos Not Present	Cellulose 20	Sand Tar
016	16	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber 20	Sand Tar
017	17	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber 20	Sand Tar
018	18	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber 20	Sand Tar
019	19	Homogeneous	Gray Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
020	20	Homogeneous	Gray Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	21	Homogeneous	Gray Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
022	22	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3
023	23	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
024	24	Homogeneous	White Window Glazing	Asbestos Present Chrysotile <1	NA	CaCO3
025	25	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum
025a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026	26	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum
026a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
027	27	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum
027a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
028	28	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum
028a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
029	29	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	302741	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	12/07/2018		1237 West Bruce St.
Received By:	Taylor Van Syckle		Milwaukee, WI 53204
Date Analyzed:	12/27/2018	Project:	DNS
Analyzed By:	Gayle Ooten	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3744-46

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
029a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
030	30	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
030a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
031	31	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
031a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
032	32	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

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Date Analyzed:	12/27/2018	Project:	DNS
Analyzed By:	Gayle Ooten	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3744-46

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
032a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
033	33	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
034	34	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
035	35	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
036	36	Homogeneous	White Ceramic Tile	Asbestos Not Present	NA	Clay
037	37	Homogeneous	White Ceramic Tile	Asbestos Not Present	NA	Clay
038	38	Homogeneous	Cream Mastic	Asbestos Not Present	NA	Glue CaCO ₃

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	302741	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	12/07/2018		1237 West Bruce St.
Received By:	Taylor Van Syckle		Milwaukee, WI 53204
Date Analyzed:	12/27/2018	Project:	DNS
Analyzed By:	Gayle Ooten	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3744-46

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
039	39	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
040	40	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
041	41	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
042	42	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
043	43	Homogeneous	Yellow Flooring	Asbestos Not Present	NA	Vinyl Foam
044	44	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 70	Cellulose 20	Binder

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 302741 Client: Harenda Management Group
Account Number: B929 Dean Jacobsen
Date Received: 12/07/2018 1237 West Bruce St.
Received By: Taylor Van Syckle Milwaukee, WI 53204
Date Analyzed: 12/27/2018 Project: DNS
Analyzed By: Gayle Ooten Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3744-46

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
045	45	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 70	Cellulose 20	Binder
046	46	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 70	Cellulose 20	Binder

Gayle Ooten, Analyst

12/27/2018

Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"



ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

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Page 2 of 3

For Lab Use Only	
Lab No. <u>382741</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject

Project Information						
Company: Harenda Management Group			Project Name: DNS		Project Location: Milwaukee, WI	
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	<input checked="" type="checkbox"/>				
12	12	<input type="checkbox"/>				
13	13	<input type="checkbox"/>				
14	14	<input type="checkbox"/>				
15	15	<input type="checkbox"/>				
16	16	<input type="checkbox"/>				
17	17	<input type="checkbox"/>				
18	18	<input type="checkbox"/>				
19	19	<input type="checkbox"/>				
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22	22	<input type="checkbox"/>				
23	23	<input type="checkbox"/>				
24	24	<input type="checkbox"/>				
25	25	<input type="checkbox"/>				
26	26	<input type="checkbox"/>				
27	27	<input type="checkbox"/>				
28	28	<input type="checkbox"/>				
29	29	<input checked="" type="checkbox"/>				
30	30	<input checked="" type="checkbox"/>				



ASBESTOS CHAIN OF CUSTODY

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Page 3 of 3

For Lab Use Only

Lab No. 302741

Accept Reject

Project Information						
Company: Harenda Management Group			Project Name: DNS		Project Location: Milwaukee, WI	
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	31	<input checked="" type="checkbox"/>				
32	32	<input type="checkbox"/>				
33	33	<input type="checkbox"/>				
34	34	<input type="checkbox"/>				
35	35	<input type="checkbox"/>				
36	36	<input type="checkbox"/>				
37	37	<input type="checkbox"/>				
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43	43	<input type="checkbox"/>				
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47		<input type="checkbox"/>				
48		<input type="checkbox"/>				
49		<input type="checkbox"/>				
50		<input type="checkbox"/>				

X. LEAD LABORATORY RESULTS



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Environmental Chemistry Analysis Report

QuanTEM Set ID: 302738
Date Received: 12/07/18
Received By: Taylor Hooper
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 12/12/18

Client: Harenda Management Group
Dean Jacobsen
1237 West Bruce St.
Milwaukee, WI 53204
Acct. No.: B929
Project: DNS
Location: Milwaukee, WI
Project No.: 18-400-024.3744-46

AIHA ID: 101352

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P01	Paint	Lead	<0.00498	0.00498	%	12/11/18 15:23	P EPA 7000B (1)
002	P02	Paint	Lead	0.0134	0.00942	%	12/11/18 15:23	P EPA 7000B (1)

Authorized Signature: _____

Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified



www.QuanTEM.com

LEAD CHAIN OF CUSTODY

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Page 1 of 1

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For Lab Use Only

Lab No. 302738

Accept ☒ Reject ☐

Report Results (☒ one box)

☒ **QuanTEM Website**

Other email

Contact Information			Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800		Project Name: DNS	
Contact: Dean Jacobsen	Cell Phone:		Project Location: Milwaukee, WI	
Account #: B929	E-mail: djacobsen@harenda.com		Project ID: 18-400-024.3744-46	
Sampled By:	Name:	Date:		
RELINQUISHED BY		DATE & TIME	VIA	RECEIVED BY
		12/6/18 1200	FedEx	

REQUESTED SERVICES (Please ☒ the Appropriate Boxes)

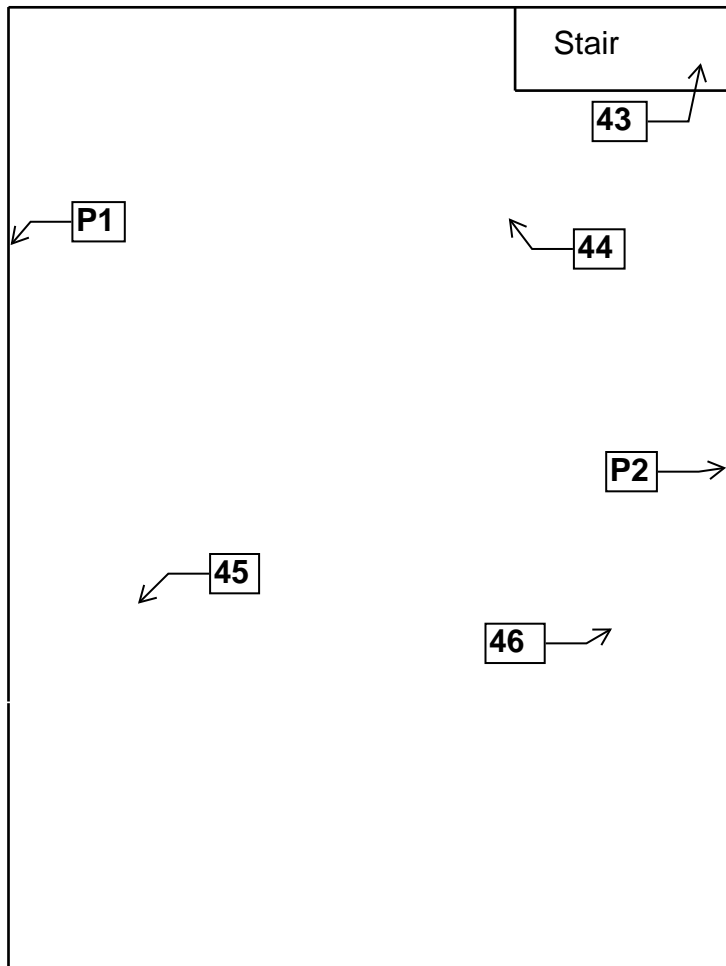
No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis			Units (<input checked="" type="checkbox"/> ONE box only)						Sample Matrix Codes		
						Pb			PPM	Wt %	mg / l	µg / ft ²	µg / m ³	mg / cm ²	A	Soil	
1	P01				B	X				X							
2	P02				↓	↓				↓							
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

TURNAROUND TIME	
	Same Day
	24 - Hour
<input checked="" type="checkbox"/>	3 - Day
	5 - Day

XI. FLOOR PLANS

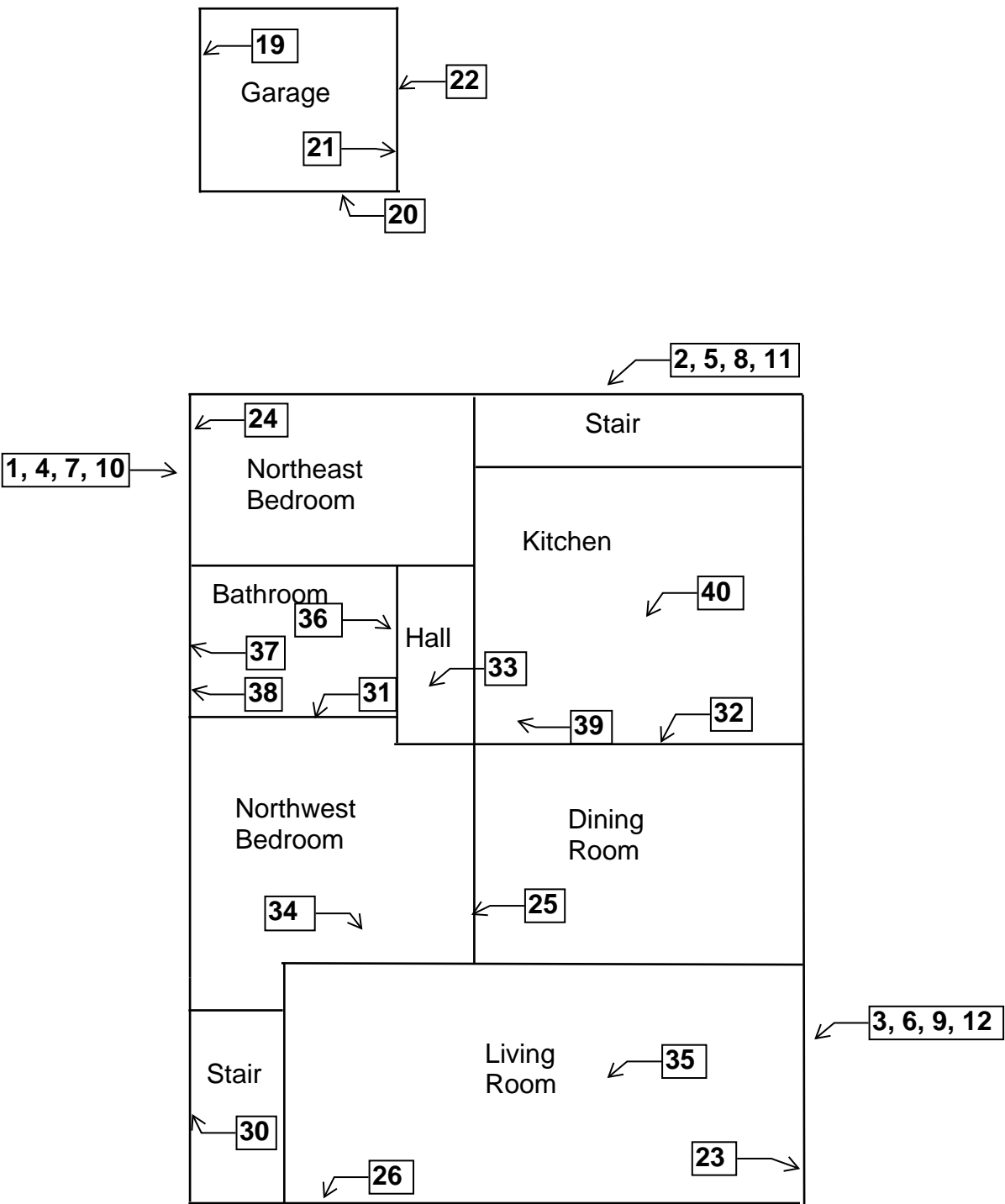
**Two Family Dwelling
374-46 North 27th Street
Milwaukee, Wisconsin**

Basement Floor Plan



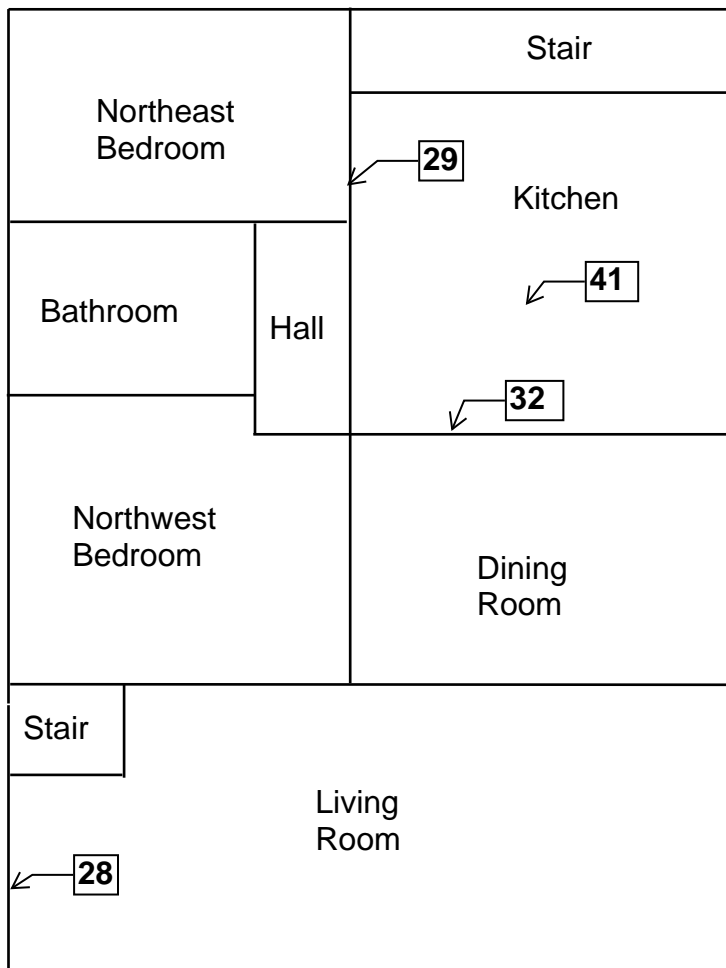
Two Family Dwelling
3744-46 North 27th Street
Milwaukee, Wisconsin

1st Floor Plan



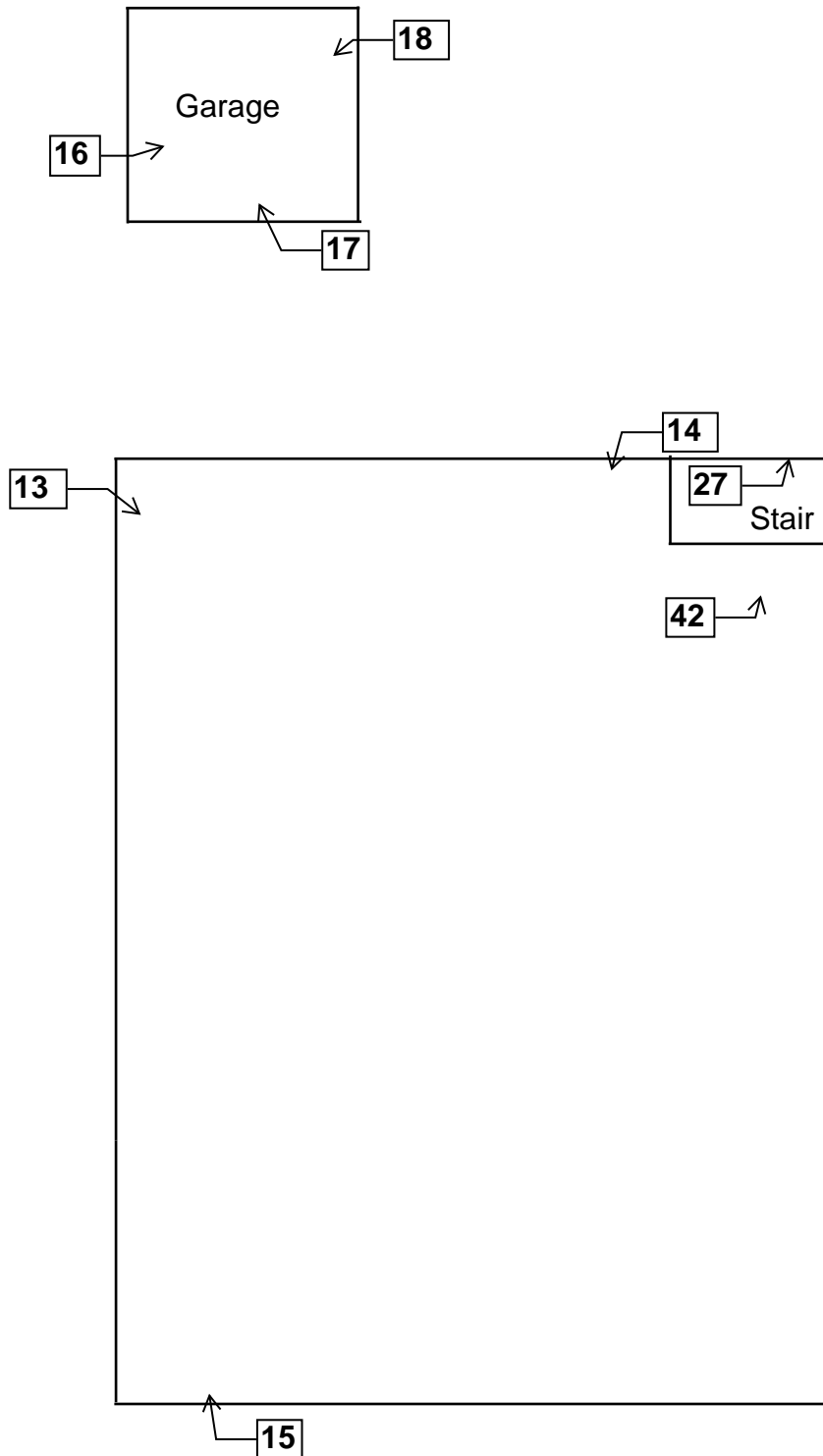
Two Family Dwelling
374-46 North 27th Street
Milwaukee, Wisconsin

2nd Floor Plan



**Two Family Dwelling
374-46 North 27th Street
Milwaukee, Wisconsin**

Attic/Roof Floor Plan



XII. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST.
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company - Primary

Certificate Issue Date: 06/23/2017
Expiration Date: 08/31/2019, 12:01 a.m.
Certification #: CAP-480540

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876



Shelley A Bruce
Shelley A Bruce,
Unit Supervisor



Scott Walker
Governor

Linda Seemeyer
Secretary



State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659
MADISON WI 53701-2659

Telephone: 608 266-1251
FAX: 608 267-2832
TTY: 888-701-1253
dhs.wisconsin.gov

February 1, 2018

DAMIAN SCOTT ROGOWSKI
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-161300

Congratulations! Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

Follow Wisconsin law by making sure that you:


1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos Online Certification website, www.dhs.wisconsin.gov/waldo, or by mailing a note to:

Lead and Asbestos Section
1 W. Wilson St., Room 137
P.O. Box 2659
Madison WI 53701-2659
4. Take refresher training well before the "Training due by" date printed on your blue card.
 - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.
Find asbestos training providers at www.dhs.wisconsin.gov/asbestos.
 - o Lead-certified individuals can refresh up to **1 year** before the due date.
Find lead training providers at www.dhs.wisconsin.gov/lead.
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at www.dhs.wisconsin.gov/lead or www.dhs.wisconsin.gov/asbestos.
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you protect professional responsibility. Contact us if you have questions below and on the back of your blue card.

The Lead and Asbestos Certification Program
(608) 261-6876

DHSAsbestosLead@wi.gov
www.dhs.wisconsin.gov/asbestos
www.dhs.wisconsin.gov/lead

			
ASBESTOS INSPECTOR			
Issued By			
STATE OF WISCONSIN			
Dept. of Health Services			
Damian Scott Rogowski			
1237 W Bruce St			
Milwaukee WI 53204-1218			
AII-161300	Exp: 03/19/2019	185 lbs	5' 10"
		12/01/1980	Male
Training due by: 03/19/2019			

COPY



PRE-DEMOLITION INSPECTION REPORT

Job Site:

**One Family Dwelling
5236 North 38th Street
Milwaukee, Wisconsin**

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

HMG Report No.: 19-400-037.5236

Inspector: Dean Jacobsen

Contract No.: 360-19-0975

Prepared by:

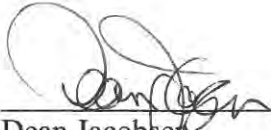
HARENDA MANAGEMENT GROUP

1237 West Bruce Street
Milwaukee, Wisconsin 53204
(414) 383-4800

December 2019

Signature Page

Pre-Demolition Inspection Report
One Family Dwelling
5236 North 38th Street
Milwaukee, Wisconsin



Dean Jacobsen

Asbestos Inspector No. AII – 14370

Expiration Date: 12/2/20

Harenda Management Group

December 16, 2019

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

RE: Pre-Demolition Inspection Report
5236 North 38th Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the one family dwelling at 5236 North 38th Street, Milwaukee, Wisconsin, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP



Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the one family dwelling and garage at 5236 North 38th Street, Milwaukee, Wisconsin, prior to demolition. HMG conducted a visual inspection for asbestos and universal wastes. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was detected above 1% in 1st floor duct wrap and basement flue packing sampled during the inspection. Asbestos was assumed to be in the asphalt roofing on the garage and in the floor tile and mastic in the dwelling. Results are in Section IV of this report.

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Pre-Demolition Inspection Report

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VII.	Pre-Demolition Environmental Checklist.....	5
VIII.	Asbestos Laboratory Results.....	9
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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the one family dwelling and garage at 5236 North 38th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with vinyl and wood walls. The dwelling has no roof. The garage has vinyl and wood walls and asphalt roofing.

II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On December 5, 2019, HMG conducted an asbestos inspection of a one family dwelling and garage, scheduled for mechanical demolition, located at 5236 North 38th Street, Milwaukee, Wisconsin. The inspection was conducted and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the buildings.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper insulation
- Stucco
- Blown in insulation
- Drywall
- Window glazing compound
- Ceramic tile
- Duct wrap
- Plaster
- Flue packing
- Pipe insulation
- Floor tile
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Appendix A.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under wood siding – beige paper insulation	Negative	MPIe
2	Exterior – south wall under wood siding – beige paper insulation	Negative	MPIe
3	Exterior – east wall under wood siding – beige paper insulation	Negative	MPIe
4	Exterior – on basement south wall – stucco patch	Negative	STC
5	Exterior – in east wall – blown in insulation	Negative	MBI
8	1 st floor – front entry – under floor tile – black paper insulation	Negative	MPIk
9	1 st floor – front entry – northwest wall – drywall remnants	Negative	MDW
12	1 st floor – living room – on south window – glazing compound	Negative	MPG
13	2 nd floor – northeast bedroom – on north window – glazing compound	Negative	MPG
14	Basement – south window – glazing compound	Negative	MPG
15a	1 st floor – bathroom floor – gray ceramic tile	Negative	MCTMy
15b	1 st floor – bathroom floor – grout	Negative	MCTMy
15c	1 st floor – bathroom floor – under gray ceramic tile – mortar	Negative	MCTMy

Sample #	Location and Description	Results	Homogeneous Code
16	1 st floor – kitchen – on ceiling duct – duct wrap	Positive 60% Chrysotile	TDW
17	1 st floor – kitchen – on chimney – plaster	Negative	SPI
17A	Basement – west wall – plaster	Negative	SPI
17B	Basement – north wall – plaster	Negative	SPI
18	2 nd floor – on chimney – gray flue packing	Negative	TFPy
19a	2 nd floor – bathroom floor – beige ceramic tile	Negative	MCTMe
19b	2 nd floor – bathroom floor – grout	Negative	MCTMe
19c	2 nd floor – bathroom floor – under beige ceramic tile – mortar/fiberboard	Negative	MCTMe
20	2 nd floor – hall – on ceiling near ceiling – cloth insulation	Negative	TCI
21	Basement – on chimney – pink flue packing	Positive 60% Chrysotile	TFPp

Two (2) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Duct Wrap	TDW	Kitchen on Ceiling Duct	30 SF	Friable
Pink Flue Packing	TFPp	Basement on Chimney	2 SF	Friable

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	Garage Roof	420 SF	Category I Non-Friable
Floor Tile & Mastic	Front Entry	50 SF	Category I Non-Friable

Note #1: The duct wrap and flue packing are friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that the duct wrap and flue packing be abated prior to demolition.

Note #2: Asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials. Under NR 447 they do not currently meet the definition of regulated asbestos containing material (RACM) and need not be removed before demolition if the demolition debris does not become RACM and will be disposed at a Wisconsin licensed landfill.

Note#3: Category I – Non-Friable Asbestos Containing Materials may become RACM during mechanical demolition activities or maybe considered friable prior to demolition activities due to its condition at time of demolition.

Note#4: If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

Note#5: A copy of this report should be transmitted to the demolition contractor.

Note#6: Additional duct wrap may be within walls and ceilings.

Homogeneous Material Codes

SPI	Plaster
STC	Stucco Patch
MPIe	Beige Paper Insulation
MPIk	Black Paper Insulation
MBI	Blown in Insulation
MDW	Drywall
MPG	Window Glazing Compound
MCTMy	Gray Ceramic Tile
MCTMe	Beige Ceramic Tile
TDW	Duct Wrap
TFPy	Gray Flue Packing
TFPp	Pink Flue Packing
TCI	Cloth Pipe Insulation

V. EXCLUSIONS

Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or inaccessible materials, or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

VI. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

ASBESTOS

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

CFCs and HALONS

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

MERCURY

Products that may contain mercury:

LIGHTING

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

ELECTRICAL SYSTEMS – 1 Electrical Box in Basement

<u> N/A </u>	Load Meters and Supply Relays
<u> N/A </u>	Phase Splitters
<u> N/A </u>	Microwave Relays
<u> N/A </u>	Mercury Displacement Relays

PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u> N/A </u>	Transformers
<u> N/A </u>	Capacitors (appliances, electronic equipment)
<u> N/A </u>	Heat Transfer Equipment
<u> N/A </u>	Ballasts
<u> N/A </u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u> N/A </u>	Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

<u> N/A </u>	Hazardous Waste
<u> N/A </u>	Oil Tanks
<u> N/A </u>	Well Abandonment
<u> 1 </u>	Junk Auto Tires – Garage
<u> N/A </u>	Junk Vehicles

* 1 Water Meter in Basement

VIII. ASBESTOS LABORATORY RESULTS



Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Harenda Management Group (5065)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 349976

Received 12/06/19
Analyzed 12/13/19
Reported 12/13/19

Attn:

Project:

Location: Wisconsin
Number: 19-400-037.5236

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
349976-001	12/05/19	1	Wisconsin		
Layer 1: Paper Pink, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
349976-002	12/05/19	2	Wisconsin		
Layer 1: Paper Pink, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
349976-003	12/05/19	3	Wisconsin		
Layer 1: Paper Pink, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
349976-004	12/05/19	4	Wisconsin		
Layer 1: Granular Material Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
349976-005	12/05/19	5	Wisconsin		
Layer 1: Insulation Brown, Fibrous				None Detected	95% CELLULOSE FIBER 5% NON FIBROUS MATERIAL
349976-006	12/05/19	8	Wisconsin		
Layer 1: Fibrous Material Black, Bituminous/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
349976-007	12/05/19	9	Wisconsin		
Layer 1: Powdery Material White, Powdery				None Detected	10% CELLULOSE FIBER 90% NON FIBROUS MATERIAL
349976-008	12/05/19	12	Wisconsin		
Layer 1: Brittle Material Beige, Brittle				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.5236

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
349976-009	12/05/19	13	Wisconsin		
Layer 1:	Brittle Material			None Detected	2% CELLULOSE FIBER
	Black/White, Brittle				98% NON FIBROUS MATERIAL
349976-010	12/05/19	14	Wisconsin		
Layer 1:	Brittle Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Brittle				
349976-011	12/05/19	15	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Beige, Hard				
Layer 2:	Grout			None Detected	100% NON FIBROUS MATERIAL
	Brown, Hard/Granular				
Layer 3:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Dark Brown, Hard/Granular				
349976-012	12/05/19	16	Wisconsin		
Layer 1:	Fibrous Material			60% CHRYSOTILE	40% NON FIBROUS MATERIAL
	Gray, Fibrous				
349976-013	12/05/19	17	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
349976-014	12/05/19	17A	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
349976-015	12/05/19	17B	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
349976-016	12/05/19	18	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.5236

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
349976-017	12/05/19	19	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Beige, Hard				
Layer 2:	Grout			None Detected	100% NON FIBROUS MATERIAL
	Brown, Hard/Granular				
Layer 3:	Underlayment			None Detected	5% FIBERGLASS
	Dark Brown, Hard/Granular				95% NON FIBROUS MATERIAL
349976-018	12/05/19	20	Wisconsin		
Layer 1:	Fibrous Material			None Detected	95% CELLULOSE FIBER
	Brown, Fibrous				5% NON FIBROUS MATERIAL
349976-019	12/05/19	21	Wisconsin		
Layer 1:	Fibrous Material			60% CHRYSOTILE	40% NON FIBROUS MATERIAL
	Gray, Granular				

EPA Regulatory Limit: 1%**Total layers analyzed on order: 23**Analyst **Jada Wilson**

349976-12/13/19 10:30 AM

Reviewed By: **Hind Eldanaf**

Microscopy Supervisor

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**SCHNEIDER LABORATORIES GLOBAL, INC.**

2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

349976

X 19



V:349\349976

afowler

12/6/2019 9:45:00 AM

UPS

1Z2E2899846257910

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.5236				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air	Asbestos in Bulk	Metals Total	TCLP	Microbiology
	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
	<input type="checkbox"/> Soil	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
	<input type="checkbox"/> Wipe	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> Allergens
	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury		
	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Gravimetric Prep			
	<input type="checkbox"/> Ground Water	Asbestos in Air	Gravimetric	Miscellaneous	Sub-Contract
	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM Chatfield
	<input type="checkbox"/> TSP / PM10	<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> TEM AHERA
	<input type="checkbox"/>				<input type="checkbox"/> TEM 7402
					<input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start Stop	Flow Rate ³ Start Stop	Total Air ⁴
1	12/5/19						
2							
3							
4							
5							
8							
9							
12							
13							
14							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion

Beginning/End of Sample Period

³Liters/Minute⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time 12/5/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

**SCHNEIDER LABORATORIES GLOBAL, INC.**

2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.5236				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Stop	Flow Rate ³ Start	Stop	Total Air ⁴
15	12/5/19								
16									
17									
17A									
17B									
18									
19									
20									
21									

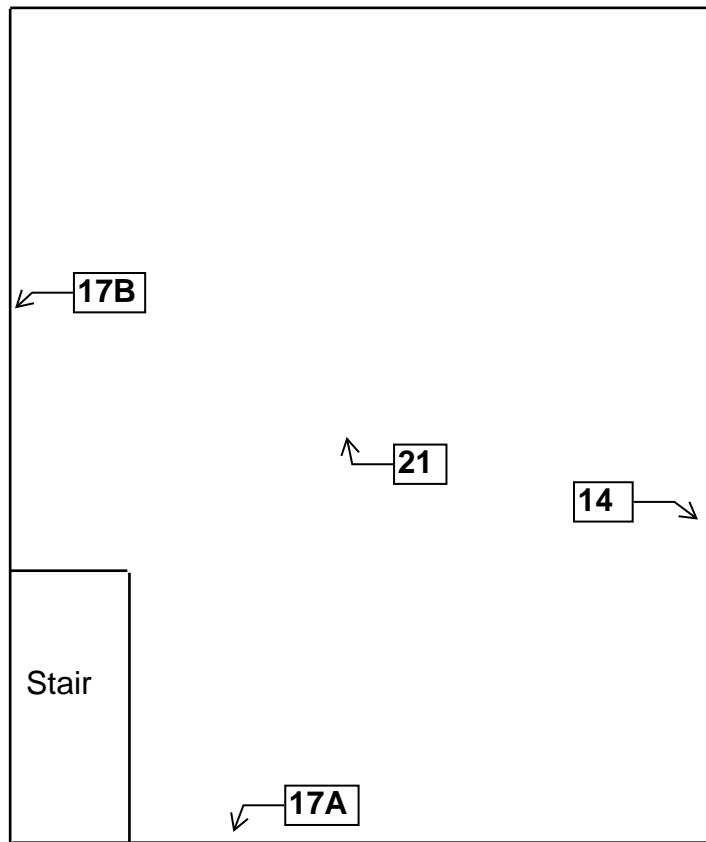
For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis			
¹ Type: A=Area, B=Blank, P=Personal, E=Excursion ² Beginning/End of Sample Period ³ Liters/Minute ⁴ Volume in Liters [time in min x flow in L/min]			
Relinquished By:	Dean Jacobsen	Signature:	Date/Time 12/5/19 1700
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !			

IX. FLOOR PLANS



**One Family Dwelling
5236 North 38th Street
Milwaukee, Wisconsin**

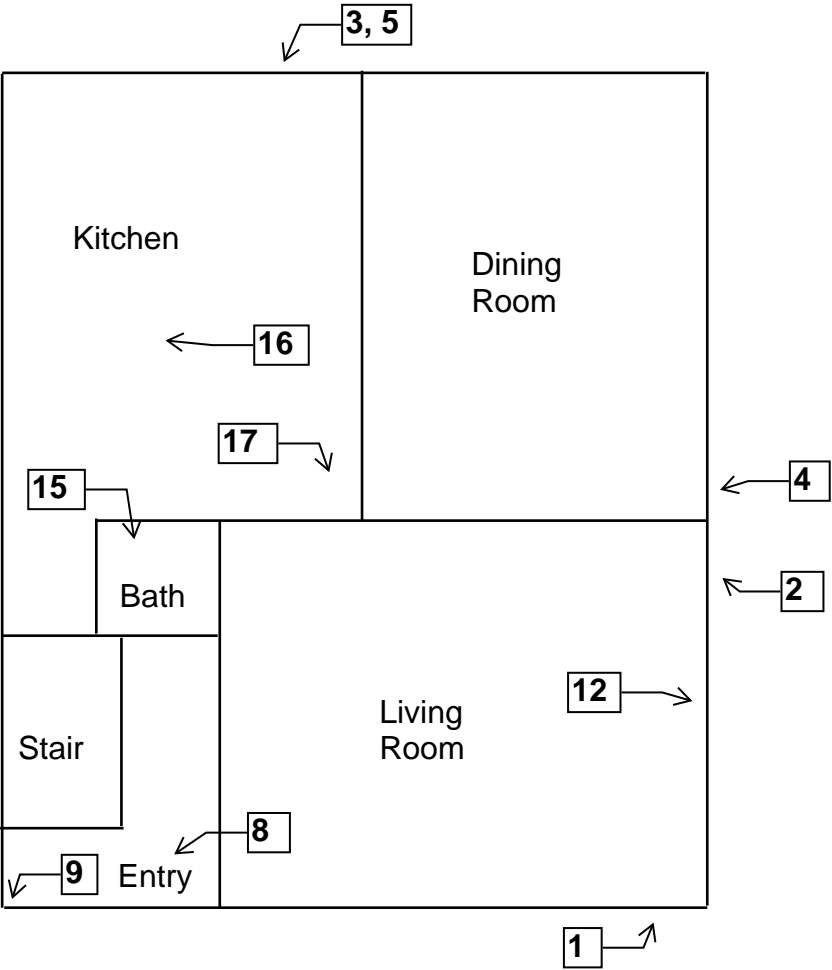
Basement Floor Plan





One Family Dwelling
5236 North 38th Street
Milwaukee, Wisconsin

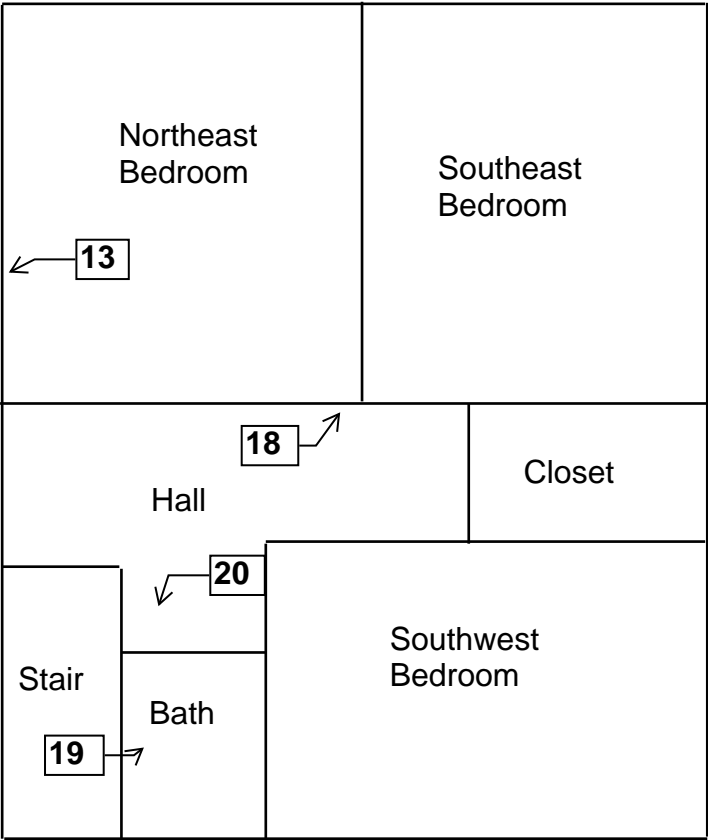
1st Floor Plan





One Family Dwelling
5236 North 38th Street
Milwaukee, Wisconsin

2nd Floor Plan



X. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company -- Primary

Certificate Issue Date: 07/23/2019
Expiration Date: 08/31/2021, 12:01 a.m.
Certification #: CAP-480540

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876



Miriam Hasan
Miriam Hasan, Unit Supervisor

Good Armstrong Training & Consulting, Inc.

1345 N Jefferson Street #147 Milwaukee WI 53202 (414) 645-7600

Good Armstrong Training & Consulting, Inc. hereby certifies that

Dean T Jacobsen



has attended a 4-hour asbestos training class conducted 11/25/2019 - 11/25/2019 at
GATC Training Center, 159 N Jackson Street, Suite 103, Milwaukee WI 53202 and successfully passed
the course test administered on 11/25/2019
thereby meeting the qualification requirements for

Asbestos Inspector Refresher

This training course complies with the requirements of TSCA Title II and is accredited by the State of Wisconsin, Department of Health Services
under ch. DHS 159, Wis. Admin. Code. (GATC Course #415)

In recognition of this accomplishment, Good Armstrong Training & Consulting, Inc. hereby awards
certificate #22340 which expires on 11/25/2020.

Attested this date of 11/25/2019 by :



Luella Wolbrink, Representative



ASBESTOS INSPECTION REPORT


Job Site:

**Fire Damaged
Two Family Dwelling
2213-15 North 44th Street
Milwaukee, Wisconsin**

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

**HMG Report No.: 15-400-004.2213
Contract No.: 360-15-0745**



Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

November 2015

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 2213-15 North 44th Street, Milwaukee, Wisconsin.

The inspection included plaster, glazing compound, drywall/joint compound, blown in insulation, ceramic tile, flue packing, asphalt shingle siding, and mastics to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M and NR 447 of the Wisconsin Administrative Code*.

II. BUILDING SURVEY

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building survey and to analyze samples taken during the inspection.

On November 4, 2015, HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 2213-15 North 44th Street, Milwaukee, Wisconsin. The inspection was conducted by Craig Dekutowski, Wisconsin License No. AII – 500.

The inspection was comprised of three elements:

1. A visual determination as to the extent of suspect materials within the building.
2. Sampling and documentation of observable suspect materials. Category I non-friable materials were assumed to be asbestos containing and not sampled.
3. Quantification of observable positive materials existing within the spaces.

The results of the survey integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples taken are outlined in this document. If you have any questions please contact HMG at (414) 383-4800.

III. THE LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/ tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk

sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, glazing compound, drywall/joint compound, blown in insulation, ceramic tile, flue packing, asphalt shingle siding, and mastics. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Homogeneous Code
1	2 nd floor – dining room – on window – glazing compound	Negative	MPG
2	2 nd floor – kitchen – on window – glazing compound	Negative	MPG
3	1 st floor – front room – on window – glazing compound	Negative	MPG
4a	2 nd floor – living room – north wall – plaster skim coat	Negative	SPI
4b	2 nd floor – living room – north wall – plaster base coat	Negative	SPI
5a	2 nd floor – dining room – ceiling – plaster skim coat	Negative	SPI
5b	2 nd floor – dining room – ceiling – plaster base coat	Negative	SPI
5c	2 nd floor – dining room – ceiling – plaster base coat #2	Negative	SPI
6a	2 nd floor – kitchen – west wall – joint compound layer	Negative	SPI
6b	2 nd floor – kitchen – west wall – plaster skim coat	Negative	SPI
6c	2 nd floor – kitchen – west wall – plaster base coat	Negative	SPI
7a	2 nd floor – west bedroom – north wall – plaster skim coat	Negative	SPI
7b	2 nd floor – west bedroom – north wall – plaster base coat	Negative	SPI
8a	1 st floor – kitchen – south wall – plaster skim coat	Negative	SPI
8b	1 st floor – kitchen – south wall – plaster base coat	Positive 2% Chrysotile	SPI
8b	POINT COUNT RESULT	Trace 0.75% Chrysotile	SPI
9a	1 st floor – northwest bedroom – east wall – plaster skim coat	Negative	SPI
9b	1 st floor – northwest bedroom – east wall – plaster base coat	Negative	SPI
10a	Basement – stair – west wall – joint compound layer	Negative	SPI
10b	Basement – stair – west wall – plaster skim coat	Negative	SPI
10c	Basement – stair – west wall – plaster base coat	Negative	SPI
11a	2 nd floor – bathroom – west wall – joint compound	Negative	MDW
11b	2 nd floor – bathroom – west wall – joint compound layer 2	Negative	MDW
11c	2 nd floor – bathroom – west wall – drywall	Negative	MDW
12a	2 nd floor – stair – west wall – joint compound	Negative	MDW
12b	2 nd floor – stair – west wall – joint compound layer 2	Negative	MDW
12c	2 nd floor – stair – west wall – drywall	Negative	MDW

Sample #	Location and Description	Results	Homogeneous Code
13	1 st floor – bathroom – east wall – drywall	Negative	MDW
14	2 nd floor – dining room – in south wall – blown in insulation	Negative	MBI
15	2 nd floor – hall – in ceiling – blown in insulation	Negative	MBI
16	2 nd floor – bathroom – in south wall – blown in insulation	Negative	MBI
17	2 nd floor – kitchen floor – white ceramic tile	Negative	MCTMw
18a	2 nd floor – bathroom – on west wall – brown ceramic tile	Negative	MCTMn
18b	2 nd floor – bathroom – on west wall – under brown ceramic tile – mastic	Negative	MCTMn
19	2 nd floor – kitchen floor – grout	Negative	MCTMw
20	Basement – on chimney – flue packing	Trace <1% Chrysotile	TFP
20	POINT COUNT RESULT	Trace 0.25% Chrysotile	TFP
21	Exterior – west wall under vinyl siding – asphalt shingle siding	Negative	MSS
22	Exterior – east wall under vinyl siding – asphalt shingle siding	Negative	MSS
23	Exterior – north wall under vinyl siding – asphalt shingle siding	Negative	MSS

No materials sampled were found to contain more than 1% asbestos.

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,100 Sq. Ft.
1 st	Stair	Floor Tile & Mastic	50 Sq. Ft.

Homogeneous Material Codes

SPI	Plaster
MPG	Glazing Compound
MDW	Drywall/Joint Compound
MBI	Blown in Insulation
MCTMw	White Ceramic Tile
MCTMn	Brown Ceramic Tile
MSS	Asphalt Shingle Siding
TFP	Flue Packing

Note#1: Asphalt roofing and floor tile/mastic are category I non friable materials and may remain on the building if the demolition debris will be disposed at a Wisconsin licensed landfill.

Note#2: Category I – Non-Friable Asbestos Containing Materials may become friable during mechanical demolition activities or maybe considered friable prior to demolition activities due to its current condition.

Note#3: If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

Note#4: A copy of this report should be transmitted to the demolition contractor.

V. EXCLUSIONS

Roof visible only from ground. All areas within walls and ceilings were not accessible. No visible or accessible areas were excluded from the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

VI. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our Polarized Light Microscopy, unless otherwise specified by the client. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

ASBESTOS

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

CFCs and HALONS

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

MERCURY

Products that may contain mercury:

LIGHTING

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS – 2 Furnace & 2 Water Heaters in Basement

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

ELECTRICAL SYSTEMS

<u> N/A </u>	Load Meters and Supply Relays
<u> N/A </u>	Phase Splitters
<u> N/A </u>	Microwave Relays
<u> N/A </u>	Mercury Displacement Relays

PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u> N/A </u>	Transformers
<u> N/A </u>	Capacitors (appliances, electronic equipment)
<u> N/A </u>	Heat Transfer Equipment
<u> N/A </u>	Light Ballasts
<u> N/A </u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u> N/A </u>	Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

<u> N/A </u>	Hazardous Waste
<u> N/A </u>	Oil Tanks
<u> N/A </u>	Well Abandonment
<u> N/A </u>	Junk Auto Tires
<u> N/A </u>	Junk Vehicles

* 13 Gallons Paint in Basement

VIII. LABORATORY RESULTS



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	256808	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	11/10/2015		1237 West Bruce St.
Received By:	Sherrie Leftwich		Milwaukee, WI 53204
Date Analyzed:	11/17/2015	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	15-400-004.2213

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
002	2	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
003	3	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
004	4	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
004a		Layered	Gray Plaster	Asbestos Not Present	Hair	2 CaCO3 Sand
005	5	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
005a		Layered	Gray Plaster	Asbestos Not Present	Hair	2 CaCO3 Sand

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No.	256808	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	11/10/2015		1237 West Bruce St.
Received By:	Sherrie Leftwich		Milwaukee, WI 53204
Date Analyzed:	11/17/2015	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	15-400-004.2213

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005b		Layered	Gray Plaster	Asbestos Not Present	Cellulose <1 Hair <1	CaCO3 Sand
006	6	Layered	White Texture	Asbestos Not Present	Talc 2	CaCO3 Sand
006a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
006b		Layered	Gray Plaster	Asbestos Not Present	Cellulose 2 Hair 2	CaCO3 Sand
007	7	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
007a		Layered	Gray Plaster	Asbestos Not Present	Cellulose 2 Hair 2	CaCO3 Sand

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	256808	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	11/10/2015		1237 West Bruce St.
Received By:	Sherrie Leftwich		Milwaukee, WI 53204
Date Analyzed:	11/17/2015	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	15-400-004.2213

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
008a		Layered	Tan Plaster	Asbestos Present Chrysotile 2	Cellulose <1 Hair <1	CaCO3 Sand
009	9	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
009a		Layered	Gray Plaster	Asbestos Not Present	Cellulose 2 Hair 2	CaCO3 Sand
010	10	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Sand
010a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
010b		Layered	Gray Plaster	Asbestos Not Present	Cellulose <1 Hair 2	CaCO3 Sand

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	256808	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	11/10/2015		1237 West Bruce St.
Received By:	Sherrie Leftwich		Milwaukee, WI 53204
Date Analyzed:	11/17/2015	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	15-400-004.2213

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
011	11	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
011a		Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
011b		Layered	White Sheetrock	Asbestos Not Present	Cellulose Glass Fiber	15 Gypsum 5
012	12	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
012a		Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
012b		Layered	White Sheetrock	Asbestos Not Present	Cellulose Glass Fiber	15 Gypsum 5

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No.	256808	Client:	Harenda Management Group
Account Number:	B929		Dean Jacobsen
Date Received:	11/10/2015		1237 West Bruce St.
Received By:	Sherrie Leftwich		Milwaukee, WI 53204
Date Analyzed:	11/17/2015	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	15-400-004.2213

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013	13	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
014	14	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 95	Binder
015	15	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 95	Binder
016	16	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 95	Binder
017	17	Homogeneous	Gray Ceramic Tile	Asbestos Not Present	NA	Clay CaCO3 Sand
018	18	Layered	Brown Ceramic Tile	Asbestos Not Present	NA	Clay Sand
018a		Layered	White Mortar	Asbestos Not Present	NA	CaCO3 Sand

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 256808

Account Number: B929

Date Received: 11/10/2015

Received By: Sherrie Leftwich

Date Analyzed: 11/17/2015

Analyzed By: Dee Ammerman

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Dean Jacobsen

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS

Project Location: Milwaukee, WI

Project Number: 15-400-004.2213

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019	19	Homogeneous	Brown Grout	Asbestos Not Present	NA	CaCO3 Sand
020	20	Homogeneous	Gray Grout	Asbestos Present Chrysotile <1	NA	CaCO3 Sand
021	21	Homogeneous	Brown Siding	Asbestos Not Present	Cellulose 70	Tar Sand
022	22	Homogeneous	Brown Siding	Asbestos Not Present	Cellulose 70	Tar Sand
023	23	Homogeneous	Brown Siding	Asbestos Not Present	Cellulose 70	Tar Sand

Dee Ammerman, Analyst

11/17/2015

Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.

ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

Page 1 of 2

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For Lab Use Only

Lab No. 256808

☒ Accept ☐ Reject

Report Results (☒ one box)

☒ QuanTEM Website

☐ Other email

Contact Information		Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 15-400-004.2213	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	11/9/15 1700	FedEx	<i>S. R. H. W. I. C. H.</i>	11/10/15 9:45

REQUESTED SERVICES (Please ☒ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
<input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Rush
<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Same Day
<input type="checkbox"/> 1000 Point Count		<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input type="checkbox"/> 24 - Hour
<input type="checkbox"/> Gravimetric Preparation	PCM	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/> 3 - Day
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> 5 - Day

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	<input checked="" type="checkbox"/>				
2	2	<input type="checkbox"/>				
3	3	<input type="checkbox"/>				
4	4	<input type="checkbox"/>				
5	5	<input type="checkbox"/>				
6	6	<input type="checkbox"/>				
7	7	<input type="checkbox"/>				
8	8	<input type="checkbox"/>				
9	9	<input type="checkbox"/>				
10	10	<input checked="" type="checkbox"/>				

ASBESTOS CHAIN OF CUSTODY

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Page 2 of 2

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Lab No. 256808

Accept

Reject

Project Information						
Company: Harenda Management Group			Project Name: DNS		Project Location: Milwaukee, WI	
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	<input checked="" type="checkbox"/>				
12	12	<input type="checkbox"/>				
13	13	<input type="checkbox"/>				
14	14	<input type="checkbox"/>				
15	15	<input type="checkbox"/>				
16	16	<input type="checkbox"/>				
17	17	<input type="checkbox"/>				
18	18	<input type="checkbox"/>				
19	19	<input type="checkbox"/>				
20	20	<input type="checkbox"/>				
21	21	<input type="checkbox"/>				
22	22	<input type="checkbox"/>				
23	23	<input checked="" type="checkbox"/>				
24		<input type="checkbox"/>				
25		<input type="checkbox"/>				
26		<input type="checkbox"/>				
27		<input type="checkbox"/>				
28		<input type="checkbox"/>				
29		<input type="checkbox"/>				
30		<input type="checkbox"/>				



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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 257015 Client: Harenda Management Group
Account Number: B929 Dean Jacobsen
Date Received: 11/17/2015 1237 West Bruce St.
Received By: Sherrie Leftwich Milwaukee, WI 53204
Date Analyzed: 11/18/2015 Project: PTCT for 256808, DNS
Analyzed By: Dee Ammerman Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116 Project Number: 15-400-004-2213

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	8	Homogeneous	Tan Plaster	Asbestos Present Chrysotile 0.75 400 Point Count	NA	
002	20	Homogeneous	Gray Grout	Asbestos Present Chrysotile 0.25 400 Point Count	NA	

Dee Ammerman, Analyst

11/18/2015

Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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Lab No. <u>257015</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject
Report Results (<input checked="" type="checkbox"/> one box)	
<input checked="" type="checkbox"/> Quantem Website	
<input type="checkbox"/> Other <u>email</u>	

Contact Information		Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 15-400-004.2213	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	11/17/15 11:15	Email	<i>S. L. Johnson</i>	11/17/15 11:20

REQUESTED SERVICES (Please <input checked="" type="checkbox"/> the Appropriate Boxes)				
PLM	PLM	TEM	TEM	TURNAROUND TIME
<input type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Rush
<input checked="" type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative (weight%)- Chatfield	<input type="checkbox"/> Same Day
<input type="checkbox"/> 1000 Point Count		<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input checked="" type="checkbox"/> 24 - Hour
<input type="checkbox"/> Gravimetric Preparation		<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative (fibers/sq.cm)- ASTM D5755	<input type="checkbox"/> 3 - Day
<input type="checkbox"/> Particle ID	<input type="checkbox"/> PCM NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input type="checkbox"/> 5 - Day

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	8	<input checked="" type="checkbox"/>		tan layer		Quantem Lab #256808
2	20	<input checked="" type="checkbox"/>				
3		<input type="checkbox"/>				
4		<input type="checkbox"/>				
5		<input type="checkbox"/>				
6		<input type="checkbox"/>				
7		<input type="checkbox"/>				
8		<input type="checkbox"/>				
9		<input type="checkbox"/>				
10		<input type="checkbox"/>				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

IX. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

**1237 W BRUCE ST
MILWAUKEE WI 53204-1218**

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company - Primary

Certificate Issue Date: 07/29/2015
Expiration Date: 08/31/2017, 12:01 a.m.
Certification #: CAP-480540

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876



Shelley A Bruce
Shelley A Bruce,
Unit Supervisor



ASBESTOS INSPECTOR
Issued By
STATE OF WISCONSIN
Dept. of Health Services

Craig Steven Dekutowski
5030 Hearthside Ln
Racine WI 53402-2154

		215 lbs	6' 00"
All-500	Exp: 02/06/2016	11/09/1970	Male

Training due by: 02/06/2016

COPY

Scott Walker
Governor

Kitty Rhoades
Secretary



State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659
MADISON WI 53701-2659

Telephone: 608 266-1251
FAX: 608 267-2832
TTY: 888-701-1253
dhs.wisconsin.gov

September 18, 2015

JAZMIN K C SPEARS
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-111055

Congratulations, your new card for Wisconsin asbestos or lead certification is enclosed. Please contact our office immediately if any of the information on the card is incorrect.

You must have this card with you whenever you are at a regulated asbestos or lead work site.

Renewing Your Certification

You may not perform regulated asbestos or lead activities after the expiration date on your card.

Asbestos Disciplines: Schedule your *annual* asbestos refresher training 30-90 days before your training due date and submit your renewal application online or by mail **at least one month before your current card expires.**

Lead Disciplines: Schedule your lead refresher training up to 12 months before the training due date and submit your renewal application online or by mail **at least one month before your current card expires.**

Submit your renewal application by mail if paying by check or money order, or online at www.dhs.wisconsin.gov/waldo if paying by VISA or MasterCard credit or debit card.

Certified Company Affiliation

You must be affiliated with an appropriately certified Asbestos, Exterior Asbestos, Lead or Lead-Safe Company by ownership, employment or contract before you may perform regulated lead or asbestos work in Wisconsin. Contact the Asbestos and Lead Section for more information.


To Update Information and Apply Online

You may make changes to your mailing address, other contact information, or your employer information by going to www.dhs.wisconsin.gov/waldo and selecting Asbestos and Lead Online Certification. You may also send changes in writing to the Asbestos and Lead Section at the address below.

Asbestos and Lead Section, Room 137
P.O. Box 2659
Madison WI 53701-2659

Phone: (608) 261-6876
Email: dhsasbestoslead@wi.gov
Internet: www.dhs.wisconsin.gov

COPY

			
ASBESTOS INSPECTOR			
Issued By			
STATE OF WISCONSIN			
Dept. of Health Services			
Jazmin K C Spears			
1237 W Bruce St			
Milwaukee WI 53204-1218			
		198 lbs	5' 08"
AII-111055	Exp: 04/24/2016	10/19/1974	Male
Training due by: 04/24/2016			



PRE-DEMOLITION INSPECTION REPORT

Job Site:

**Two Family Dwelling
5418 West Fond du Lac Avenue
Milwaukee, Wisconsin**

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

HMG Report No.: 19-400-037.5418

Inspector: Dean Jacobsen

Contract No.: 360-19-0975

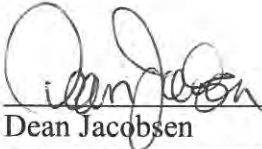
Prepared by:

HARENDA MANAGEMENT GROUP

1237 West Bruce Street
Milwaukee, Wisconsin 53204
(414) 383-4800

December 2019

Signature Page
Pre-Demolition Inspection Report
Two Family Dwelling
5418 West Fond du Lac Avenue
Milwaukee, Wisconsin



Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/20
Harenda Management Group

December 23, 2019

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

RE: Pre-Demolition Inspection Report
5418 West Fond du Lac Avenue
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the two family dwelling at 5418 West Fond du Lac Avenue, Milwaukee, Wisconsin, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP



Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the two family dwelling and garage at 5418 West Fond du Lac Avenue, Milwaukee, Wisconsin, prior to demolition. HMG conducted a visual inspection for asbestos and universal wastes. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was detected above 1% in exterior caulk and in duct wrap on the 1st floor and 2nd floor ducts sampled during the inspection. Asbestos was detected at the less than 1% in 1st floor kitchen wall mastic and in basement floor tile, as verified by point count testing. Asbestos was assumed to be in the asphalt roofing on the dwelling and garage, and in the 1st floor and 2nd floor tile and mastic in the dwelling. Results are in Section IV of this report.

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the two family dwelling and garage at 5418 West Fond du Lac Avenue, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with aluminum and wood walls and asphalt roofing. The garage has block walls and asphalt roofing.

II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On December 6, 2019, HMG conducted an asbestos inspection of a two family dwelling and garage, scheduled for mechanical demolition, located at 5418 West Fond du Lac Avenue, Milwaukee, Wisconsin. The inspection was conducted and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the buildings.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Fiberboard
- Tar paper
- Caulk
- Tar
- Window glazing compound
- Plaster
- Duct wrap
- Linoleum
- Blown in insulation
- Flue packing
- Floor tile
- Drywall/joint compound
- Ceiling tile
- Asphalt roofing

- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Appendix A.

Sample #	Location and Description	Results	Homogeneous Code
1	House Exterior – south wall under aluminum siding – fiberboard	Negative	MFB
2	House Exterior – west wall under aluminum siding – fiberboard	Negative	MFB
3	House Exterior – north wall under aluminum siding – fiberboard	Negative	MFB
4	House Exterior – south wall under wood siding – tar paper	Negative	MPT
5	House Exterior – west wall under wood siding – tar paper	Negative	MPT
6	House Exterior – north wall under wood siding – tar paper	Negative	MPT
7	House Exterior – on south wall at porch – white caulk	Negative	MCLKw
8	House Exterior – around west window – white caulk	Positive 4% Chrysotile	MCLKw
9	House Exterior – around north door – white caulk	Negative	MCLKw
10a	House Exterior – on west side of front porch – clear mastic	Negative	MTar
10b	House Exterior – on west side of front porch – gray tar	Negative	MTar
11	Basement – on west window – glazing compound	Negative	MPG

Sample #	Location and Description	Results	Homogeneous Code
12	1 st floor – southeast bedroom – on east window – glazing compound	Negative	MPG
13	2 nd floor – northwest bedroom – on north window – glazing compound	Negative	MPG
14	Garage – around north door – cream caulk	Negative	MCLKc
15a	1 st floor – living room – west wall under plaster – drywall	Negative	SPI
15b	1 st floor – living room – west wall under plaster – tape	Negative	SPI
15c	1 st floor – living room – west wall – plaster	Negative	SPI
16a	1 st floor – northwest bedroom – south wall under plaster – drywall	Negative	SPI
16b	1 st floor – northwest bedroom – south wall under plaster – tape	Negative	SPI
16c	1 st floor – northwest bedroom – south wall – plaster	Negative	SPI
17a	1 st floor – southwest bedroom – west wall under plaster – drywall	Negative	SPI
17b	1 st floor – southwest bedroom – west wall under plaster – tape	Negative	SPI
17c	1 st floor – southwest bedroom – west wall – plaster	Negative	SPI
18	2 nd floor – bathroom – east wall – plaster	Negative	SPI
19	2 nd floor – southwest bedroom – east wall – plaster	Negative	SPI
20	1st floor – living room – on duct in west wall – duct wrap	Positive 60% Chrysotile	TDW
21	2nd floor – southwest bedroom – on duct in east wall – duct wrap	Positive 60% Chrysotile	TDW
22	1st floor – kitchen – on duct in west wall – duct wrap	Positive 60% Chrysotile	TDW
23a	1 st floor – kitchen top layer – tan and brown linoleum	Negative	MFLtn
23b	1 st floor – kitchen top layer – under tan and brown linoleum – tan mastic	Negative	MFLtn
24	1 st floor – kitchen 3 rd layer – fiberboard #2	Negative	MFB2
25a	1 st floor – kitchen on counter – yellow linoleum	Negative	MFLI
25b	1 st floor – kitchen on counter – under yellow linoleum – tan mastic	Negative	MFLI
26	1 st floor – kitchen – on east wall under plastic tile – beige mastic	Positive 2% Chrysotile	MWMe
26	Point Count Result	Trace 0.5% Chrysotile	MWMe
27a	1 st floor – bathroom 2 nd layer – gold linoleum	Negative	MFLd
27b	1 st floor – bathroom 2 nd layer – under gold linoleum – black mastic	Negative	MFLd
27c	1 st floor – bathroom 2 nd layer – under black mastic - backing	Negative	MFLd
28a	1 st floor – bathroom – on north wall under metal tile – fiberboard #3	Negative	MFB3
28b	1 st floor – bathroom – on north wall under metal tile – brown mastic	Negative	MFB3
28c	1 st floor – bathroom – on north wall under fiberboard #3 – mortar	Negative	MFB3
28d	1 st floor – bathroom – on north wall under mortar – leveling compound	Negative	MFB3
29	1 st floor – bathroom – around tub – cream caulk #2	Negative	MCLKc2
30	1 st floor – southwest bedroom – in west wall under drywall – tar paper #2	Negative	MPT2

Sample #	Location and Description	Results	Homogeneous Code
31	1 st floor – living room – in south wall under drywall – tar paper #2	Negative	MPT2
32	2 nd floor – southwest bedroom – in east wall under drywall – tar paper #2	Negative	MPT2
33a	2 nd floor – bathroom top layer – beige linoleum	Negative	MFLe
33b	2 nd floor – bathroom top layer – under beige linoleum – tan mastic	Negative	MFLe
34	2 nd floor – bathroom on east wall under wood panel – tan mastic	Negative	MPMt
35	2 nd floor – bathroom on tub – white caulk #2	Negative	MCLKw2
36	Attic – on floor – blown in insulation	Negative	MBI
37	Basement – northeast room – on chimney – flue packing	Negative	TFP
38a	Basement – stair on landing – 9” brown floor tile	Positive 2% Chrysotile	MF9n
38a	Point Count Result	Trace 0.75% Chrysotile	MF9n
38b	Basement – stair on landing – under 9” brown floor tile – black mastic	Negative	MF9n
38c	Basement – stair on landing – under black mastic- backing	Negative	MF9n
39a	Basement – southwest room – east side – 9” brown floor tile	Positive 2% Chrysotile	MF9n
39a	Point Count Result	Trace 0.75% Chrysotile	MF9n
39b	Basement – southwest room – east side – under 9” brown floor tile – black mastic	Negative	MF9n
39c	Basement – southwest room – east side – under black mastic- backing	Negative	MF9n
40a	Basement – southwest room – west side – 9” brown floor tile	Positive 2% Chrysotile	MF9n
40a	Point Count Result	Trace 0.5% Chrysotile	MF9n
40b	Basement – southwest room – west side – under 9” brown floor tile – black mastic	Negative	MF9n
40c	Basement – southwest room – west side – under black mastic- backing	Negative	MF9n
41	Basement – southwest room – west wall – fiberboard #4	Negative	MFB4
42	Basement – southwest room – north wall – fiberboard #4	Negative	MFB4
43	Basement – southwest room – south wall – fiberboard #4/joint compound	Negative	MFB4
44	Basement – southeast room – 2’ x 4’ ceiling tile	Negative	MSCT24
45a	Basement – southwest room – ceiling – drywall	Negative	MDW
45b	Basement – southwest room – ceiling – tape	Negative	MDW
45c	Basement – southwest room – ceiling – joint compound	Negative	MDW

Two (2) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
White Caulk	MCLKw	House Exterior Around Doors & Windows, & on Southwest Wall	21 Windows & 2 Doors, & 2 LF	Category II Non-Friable
Duct Wrap	TDW	1 st Floor & 2 nd Floors Rooms in Walls	340 SF	Friable

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	House & Garage Roofs	1,700 SF	Category I Non-Friable
Floor Tile & Mastic	1 st Floor Kitchen/Bathroom/Stair 2 nd Floor Kitchen/Bathroom Basement Stair	700 SF	Category I Non-Friable

Note #1: The white caulk and duct wrap are category II non friable and friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that the white caulk and duct wrap be abated prior to demolition.

Note #2: The asphalt roofing on the house and garage, and floor tile/mastic on the 1st & 2nd floors of the house, are category I non friable asbestos containing materials. Under NR 447 they do not currently meet the definition of regulated asbestos containing material (RACM) and need not be removed before demolition if the demolition debris does not become RACM and will be disposed at a Wisconsin licensed landfill.

Note#3: Category I – Non-Friable Asbestos Containing Materials may become RACM during mechanical demolition activities or maybe considered friable prior to demolition activities due to its condition at time of demolition.

Note#4: If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

Note#5: A copy of this report should be transmitted to the demolition contractor.

Note#6: Additional duct wrap may be within walls and ceilings.

Homogeneous Material Codes

SPI	Plaster Garage
MFB	Fiberboard Exterior
MFB2	Fiberboard Floor
MFB3	Fiberboard Bathroom
MFB4	Fiberboard Walls
MPT	Tar Paper Exterior
MPT2	Tar Paper in Walls
MCLKw	White Caulk Exterior
MCLKw2	White Caulk Interior
MCLKc	Cream Caulk Exterior
MCLKc2	Cream Caulk Interior
Mtar	Tar/Mastic
MPG	Window Glazing Compound
MFLtn	Tan & Brown Linoleum
MFLl	Yellow Linoleum
MFLd	Gold Linoleum
MFLc	Beige Linoleum
MWMe	Beige Wall Mastic
MPMt	Tan Wall Panel Mastic
MBI	Blown in Insulation
MF9n	9" Brown Floor Tile
MSCT24	2' x 4' Ceiling Tile

Homogeneous Material Codes

MDW	Drywall/Joint Compound
TDW	Duct Wrap
TFP	Flue Packing

V. EXCLUSIONS

All floors in house covered furniture, boxes and debris, and only partially accessible. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or inaccessible materials, or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

VI. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

ASBESTOS

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

CFCs and HALONS

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>1</u>	Dehumidifiers – Basement
<u>N/A</u>	Heat Pumps
<u>1</u>	Refrigerators , Freezers, Chillers – 2 nd Floor Kitchen
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>1</u>	Fire Extinguishers (both portable and installed HALON suppression systems) – 1 st Floor Kitchen
<u>N/A</u>	Water Coolers

LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

MERCURY

Products that may contain mercury:

LIGHTING

<u>27</u>	Fluorescent Lights – 2 nd Floor Kitchen, Basement
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>1</u>	Old Thermostats – 1 st Floor Living Room
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS – 1 Furnace in Basement

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

ELECTRICAL SYSTEMS

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>3</u>	Ballasts – Basement
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

<u>N/A</u>	Hazardous Waste
<u>N/A</u>	Oil Tanks
<u>N/A</u>	Well Abandonment
<u>1</u>	Junk Auto Tires – On Garage Roof
<u>N/A</u>	Junk Vehicles

- * 1 Quart Paint Thinner, 1 Quart Motor Oil, & 1 Quart Transmission Fluid in Garage
- * 1 Pint Brake Fluid & 1 Can WD-40 in 2nd Floor Kitchen
- * 1 Spray Can Insecticide 2nd Floor Northwest Bedroom
- * 21 Gallons Paint, 6 Cans Spray Paint, 1 Pint Lacquer Thinner, 1 Pint Motor Oil, 1 pint Acetone, 1 Gallon Turpentine, & 3 Spray Cans Brake Fluid in the Basement

VIII. ASBESTOS LABORATORY RESULTS



Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Harenda Management Group (5065)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 350526

Attn:

Received 12/10/19
Analyzed 12/13/19
Reported 12/17/19

Project:

Location: Wisconsin
Number: 19-400-037.5418

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
350526-001	12/06/19	1	Wisconsin		
Layer 1:	Fibrous Material			None Detected	80% CELLULOSE FIBER
	Tan, Fibrous				20% NON FIBROUS MATERIAL
350526-002	12/06/19	2	Wisconsin		
Layer 1:	Fibrous Material			None Detected	70% CELLULOSE FIBER
	Black, Fibrous				30% NON FIBROUS MATERIAL
350526-003	12/06/19	3	Wisconsin		
Layer 1:	Fibrous Material			None Detected	80% CELLULOSE FIBER
	Tan, Fibrous				20% NON FIBROUS MATERIAL
350526-004	12/06/19	4	Wisconsin		
Layer 1:	Tar Paper			None Detected	40% CELLULOSE FIBER
	Black, Bituminous/Fibrous				60% NON FIBROUS MATERIAL
350526-005	12/06/19	5	Wisconsin		
Layer 1:	Tar Paper			None Detected	40% CELLULOSE FIBER
	Black, Bituminous/Fibrous				60% NON FIBROUS MATERIAL
350526-006	12/06/19	6	Wisconsin		
Layer 1:	Tar Paper			None Detected	40% CELLULOSE FIBER
	Black, Bituminous/Fibrous				60% NON FIBROUS MATERIAL
350526-007	12/06/19	7	Wisconsin		
Layer 1:	Rubbery Material			None Detected	100% NON FIBROUS MATERIAL
	White, Rubbery				
350526-008	12/06/19	8	Wisconsin		
Layer 1:	Granular Material			4% CHRYSOTILE	96% NON FIBROUS MATERIAL
	White, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.5418

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
350526-009	12/06/19	9	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
350526-010	12/06/19	10	Wisconsin		
Layer 1:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Clear, Soft				
Layer 2:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
350526-011	12/06/19	11	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
350526-012	12/06/19	12	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
350526-013	12/06/19	13	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
350526-014	12/06/19	14	Wisconsin		
Layer 1:	Rubbery Material			None Detected	100% NON FIBROUS MATERIAL
	White, Rubbery				
350526-015	12/06/19	15	Wisconsin		
Layer 1:	Drywall			None Detected	100% NON FIBROUS MATERIAL
	White, Powdery				
Layer 2:	Tape			None Detected	90% CELLULOSE FIBER
	Tan, Fibrous				10% NON FIBROUS MATERIAL
Layer 3:	Plaster			None Detected	3% CELLULOSE FIBER
	White, Hard/Granular				97% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.5418

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
350526-016	12/06/19	16	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Tape Tan, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
Layer 3: Plaster White, Hard/Granular				None Detected	3% CELLULOSE FIBER 97% NON FIBROUS MATERIAL
350526-017	12/06/19	17	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Tape Tan, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
Layer 3: Plaster White, Hard/Granular				None Detected	3% CELLULOSE FIBER 97% NON FIBROUS MATERIAL
350526-018	12/06/19	18	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	3% CELLULOSE FIBER 97% NON FIBROUS MATERIAL
350526-019	12/06/19	19	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	3% CELLULOSE FIBER 97% NON FIBROUS MATERIAL
350526-020	12/06/19	20	Wisconsin		
Layer 1: Tape Gray, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
350526-021	12/06/19	21	Wisconsin		
Layer 1: Tape Gray, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
350526-022	12/06/19	22	Wisconsin		
Layer 1: Tape Gray, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 20% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.5418

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
350526-023	12/06/19	23	Wisconsin		
Layer 1:	Linoleum			None Detected	20% CELLULOSE FIBER
	Tan/Beige, Org.Bound/Fibrous				20% MINERAL/GLASS WOOL
					60% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
350526-024	12/06/19	24	Wisconsin		
Layer 1:	Fibrous Material			None Detected	80% CELLULOSE FIBER
	Brown, Fibrous				20% NON FIBROUS MATERIAL
350526-025	12/06/19	25	Wisconsin		
Layer 1:	Hard Material			None Detected	100% NON FIBROUS MATERIAL
	Yellow, Hard/Fibrous				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
350526-026	12/06/19	26	Wisconsin		
Layer 1:	Granular Material			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Beige, Granular				
350526-027	12/06/19	27	Wisconsin		
Layer 1:	Tape			None Detected	100% NON FIBROUS MATERIAL
	Tan/Cream, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Black, Bituminous				
Layer 3:	Backing			None Detected	40% CELLULOSE FIBER
	Black, Bituminous/Fibrous				60% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.5418

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
350526-028	12/06/19	28	Wisconsin		
Layer 1:	Board Material			None Detected	80% CELLULOSE FIBER
	Tan, Fibrous				20% NON FIBROUS MATERIAL
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Dark Brown, Brittle				
Layer 3:	Cementitious Mtrl			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard				
Layer 4:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
350526-029	12/06/19	29	Wisconsin		
Layer 1:	Brittle Material			None Detected	100% NON FIBROUS MATERIAL
	Off White, Brittle				
350526-030	12/06/19	30	Wisconsin		
Layer 1:	Tar Paper			None Detected	40% CELLULOSE FIBER
	Black, Bituminous/Fibrous				60% NON FIBROUS MATERIAL
350526-031	12/06/19	31	Wisconsin		
Layer 1:	Tar Paper			None Detected	40% CELLULOSE FIBER
	Black, Bituminous/Fibrous				60% NON FIBROUS MATERIAL
350526-032	12/06/19	32	Wisconsin		
Layer 1:	Tar Paper			None Detected	40% CELLULOSE FIBER
	Black, Bituminous/Fibrous				60% NON FIBROUS MATERIAL
350526-033	12/06/19	33	Wisconsin		
Layer 1:	Linoleum			None Detected	20% CELLULOSE FIBER
	Cream, Org.Bound/Fibrous				20% MINERAL/GLASS WOOL
					60% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
350526-034	12/06/19	34	Wisconsin		
Layer 1:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.5418

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
350526-035	12/06/19	35	Wisconsin		
Layer 1:	Rubbery Material			None Detected	100% NON FIBROUS MATERIAL
	White, Rubbery				
350526-036	12/06/19	36	Wisconsin		
Layer 1:	Insulation			None Detected	5% FOAMED GLASS
	White, Fibrous				85% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
350526-037	12/06/19	37	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard/Granular				
350526-038	12/06/19	38	Wisconsin		
Layer 1:	Tile			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Maroon, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Black, Bituminous				
Layer 3:	Backing			None Detected	40% CELLULOSE FIBER
	Black, Bituminous/Fibrous				60% NON FIBROUS MATERIAL
350526-039	12/06/19	39	Wisconsin		
Layer 1:	Tile			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Maroon, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Black, Bituminous				
Layer 3:	Backing			None Detected	40% CELLULOSE FIBER
	Black, Bituminous/Fibrous				60% NON FIBROUS MATERIAL
350526-040	12/06/19	40	Wisconsin		
Layer 1:	Tile			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Maroon, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Black, Bituminous				
Layer 3:	Backing			None Detected	40% CELLULOSE FIBER
	Black, Bituminous/Fibrous				60% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:


Location: Wisconsin
Number: 19-400-037.5418

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
350526-041	12/06/19	41	Wisconsin		
Layer 1:	Board Material			None Detected	80% CELLULOSE FIBER
	Gray, Fibrous				20% NON FIBROUS MATERIAL
350526-042	12/06/19	42	Wisconsin		
Layer 1:	Board Material			None Detected	80% CELLULOSE FIBER
	Gray, Fibrous				20% NON FIBROUS MATERIAL
350526-043	12/06/19	43	Wisconsin		
Layer 1:	Board Material			None Detected	80% CELLULOSE FIBER
	Tan/Gray, Fibrous				20% NON FIBROUS MATERIAL
350526-044	12/06/19	44	Wisconsin		
Layer 1:	Board Material			None Detected	90% CELLULOSE FIBER
	Tan, Fibrous				10% NON FIBROUS MATERIAL
350526-045	12/06/19	45	Wisconsin		
Layer 1:	Drywall			None Detected	100% NON FIBROUS MATERIAL
	White, Powdery				
Layer 2:	Tape			None Detected	90% CELLULOSE FIBER
	Tan, Fibrous				10% NON FIBROUS MATERIAL
Layer 3:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard/Granular				

EPA Regulatory Limit: 1%**Total layers analyzed on order: 68**

350526-12/17/19 08:54 AM


Analyst **Senhory Abdellatif**
Reviewed By: **Hind Eldanaf**
Microscopy Supervisor

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

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12/10/2019 9:49:14 AM

UPS

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.5418				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Stop	Flow Rate ³ Start	Stop	Total Air ⁴
1	12/6/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time: 12/9/19 1200

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Submitting Co:	Harenda Management Group	State of Collection:	WI	Cert. Required:	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #:	5065	Phone:	(414) 647-1530
Milwaukee, WI 53204		Email:	dean.jacobsen@kphenvironmenmtal.com		
Project Name:		PO #:			
Project Location:	Wisconsin	Special Instructions:			
Project Number:	19-400-037.5418				
Collected By:					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air	Asbestos in Bulk	Metals Total	TCLP	Microbiology
	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
	<input type="checkbox"/> Soil	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
	<input type="checkbox"/> Wipe	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<input type="checkbox"/> Allergens
	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury		
<input type="checkbox"/> Waste Water	<input type="checkbox"/> Gravimetric Prep				
<input type="checkbox"/> Ground Water	Asbestos in Air	Gravimetric	Miscellaneous	Sub-Contract	
<input type="checkbox"/> Drinking Water	<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM Chatfield	
<input type="checkbox"/> TSP / PM10	<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> TEM AHERA	
<input type="checkbox"/>				<input type="checkbox"/> TEM 7402	
				<input type="checkbox"/> Silica XRD (7500)	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
11	12/6/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time

12/9/19/2020

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.5418				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ²		Flow Rate ³		Total Air ⁴
					Start	Stop	Start	Stop	
21	12/6/19								
22									
23									
24									
25									
26									
27									
28									
29									
30									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time 12/9/19 1200

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.5418				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance	<input type="checkbox"/> Air	Asbestos in Bulk	Metals Total	TCLP	Microbiology
	<input type="checkbox"/> Paint	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
	<input type="checkbox"/> Soil	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
	<input type="checkbox"/> Wipe	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<input type="checkbox"/> Allergens
	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury		
<input type="checkbox"/> Waste Water	<input type="checkbox"/> Gravimetric Prep				
<input type="checkbox"/> Ground Water	Asbestos in Air	Gravimetric	Miscellaneous	Sub-Contract	
<input type="checkbox"/> Drinking Water	<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM Chatfield	
<input type="checkbox"/> TSP / PM10	<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> TEM AHERA	
<input type="checkbox"/>				<input type="checkbox"/> TEM 7402	
				<input type="checkbox"/> Silica XRD (7500)	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
31	12/6/17								
32									
33									
34									
35									
36									
37									
38									
39									
40									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters (time in min × flow in L/min)

Relinquished By: Dean Jacobsen

Signature:

Date/Time: 12/9/17 12:00

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.5418				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
41	12/6/19								
42									
43									
44									
45									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time: 12/9/19 (700)

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Analysis Report

Schneider Laboratories Global, Inc

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Customer: Harenda Management Group (5065)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 351637

Attn:

Received 12/18/19
Analyzed 12/19/19
Reported 12/20/19

Project:

Location: Wisconsin
Number: 19-400-037.5418

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
351637-001	12/06/19	26	Wisconsin		
Layer 1: Granular Material Beige, Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
351637-002	12/06/19	38	Wisconsin		
Layer 1: Tile Maroon, Organically Bound, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
351637-003	12/06/19	39	Wisconsin		
Layer 1: Tile Maroon, Organically Bound, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
351637-004	12/06/19	40	Wisconsin		
Layer 1: Tile Maroon, Organically Bound, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%

Total layers analyzed on order: 4

Analyst **Senhory Abdellatif**

351637-12/20/19 09:32 AM

Reviewed By: **Hind Eldanaf**

Microscopy Supervisor

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement. The test results reported relate only to the samples submitted.

**SCHNEIDER LABORATORIES GLOBAL, INC.**

2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

351637

S 4



V:351351637

afowler 12/18/2019 9:32:00 AM

Hand Delivered

Submitting Co	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.5418				
Collected By					

Turn Around Time	Matrix	Tests/Analytes (Select All that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM-AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time Start Stop	Flow Rate Start Stop	Total Air ⁴
21	12/6/19						
22							
23							
24							
25							
26							
27							
28							
29							
30							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [Time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time 12/9/19 1200

ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS

**SCHNEIDER LABORATORIES GLOBAL, INC.**

2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Can. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Appt. #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmental.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.5418				
Collected By					

Turnaround	Matrix	Tests/Analytes (Select All that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour* <input type="checkbox"/> Same day* <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample ID	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start Stop	Flow Rate ³ Start Stop	Total Air ⁴
31	12/6/19						
32							
33							
34							
35							
36							
37							
38							
39							
40							

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters (time in min x flow in L/min)

Relinquished By: Dean Jacobsen

Signature:

Date/Time

12/9/19

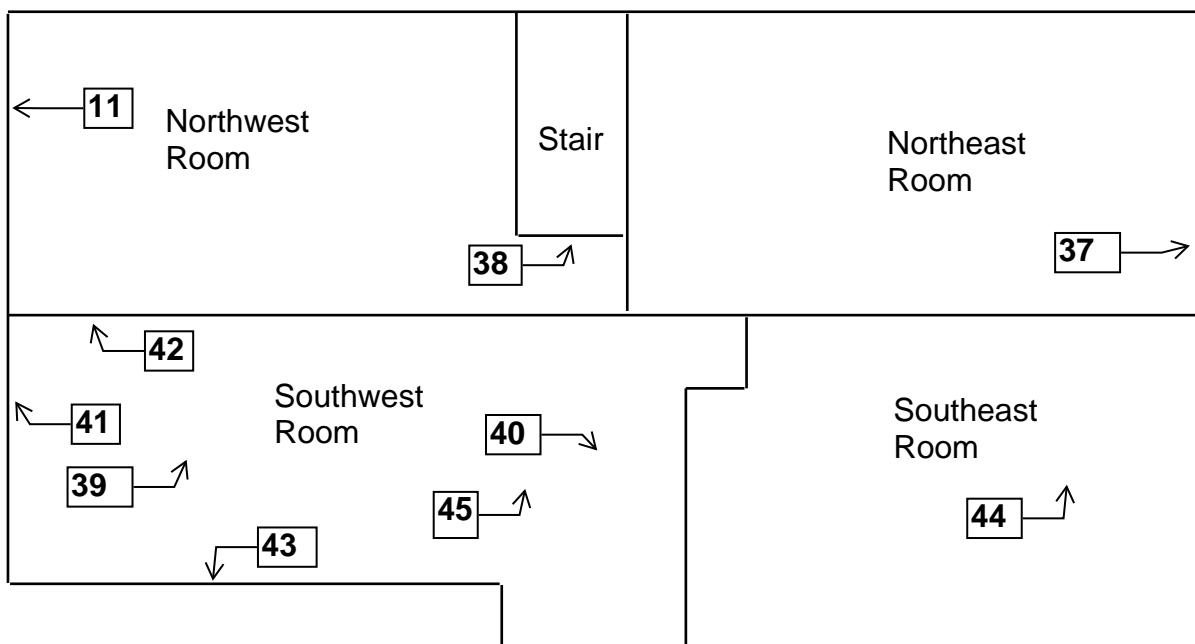
ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS

IX. FLOOR PLANS

Two Family Dwelling
5418 West Fond du Lac Avenue
Milwaukee, Wisconsin



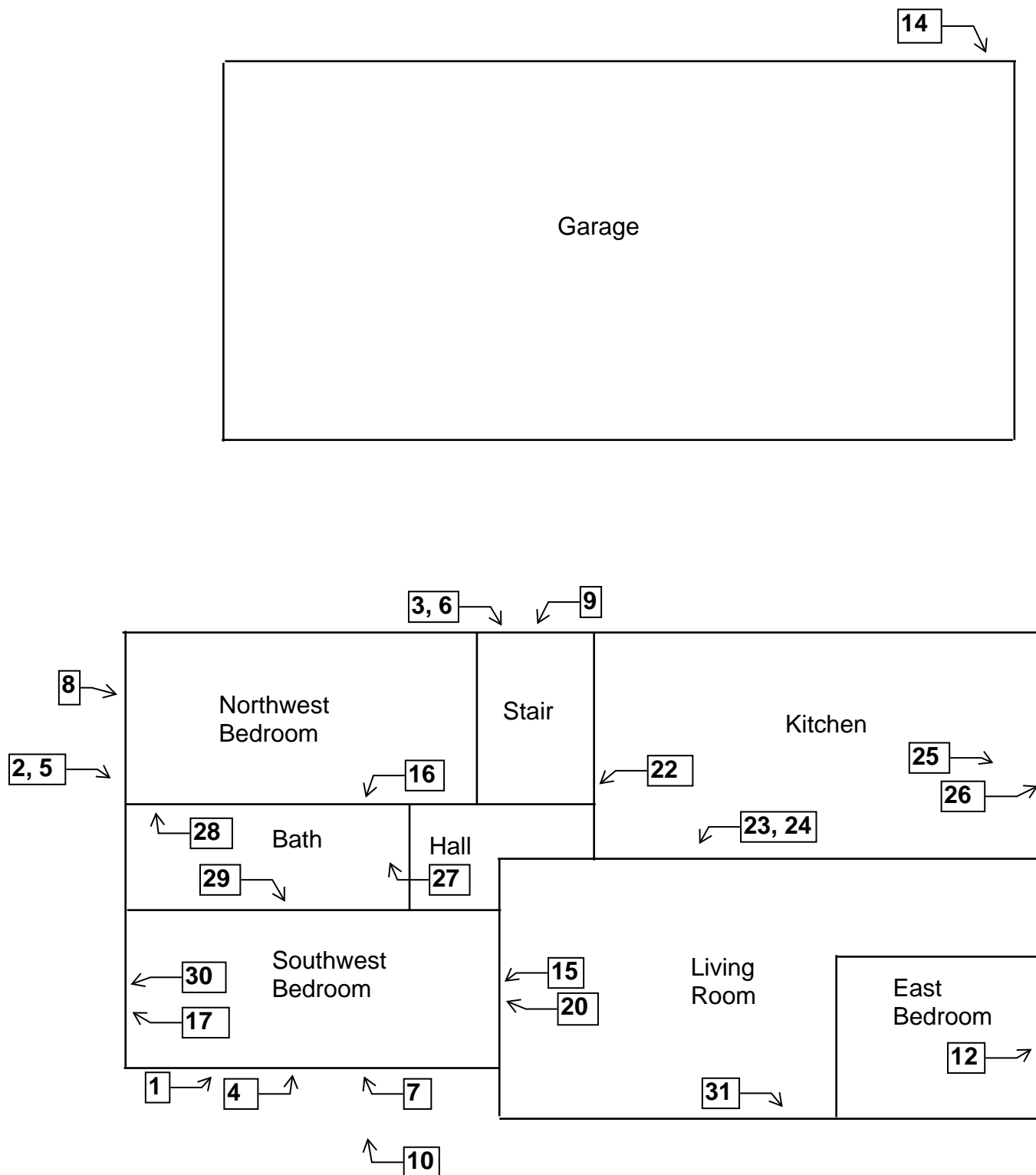
Basement Floor Plan



Two Family Dwelling
5418 West Fond du Lac Avenue
Milwaukee, Wisconsin



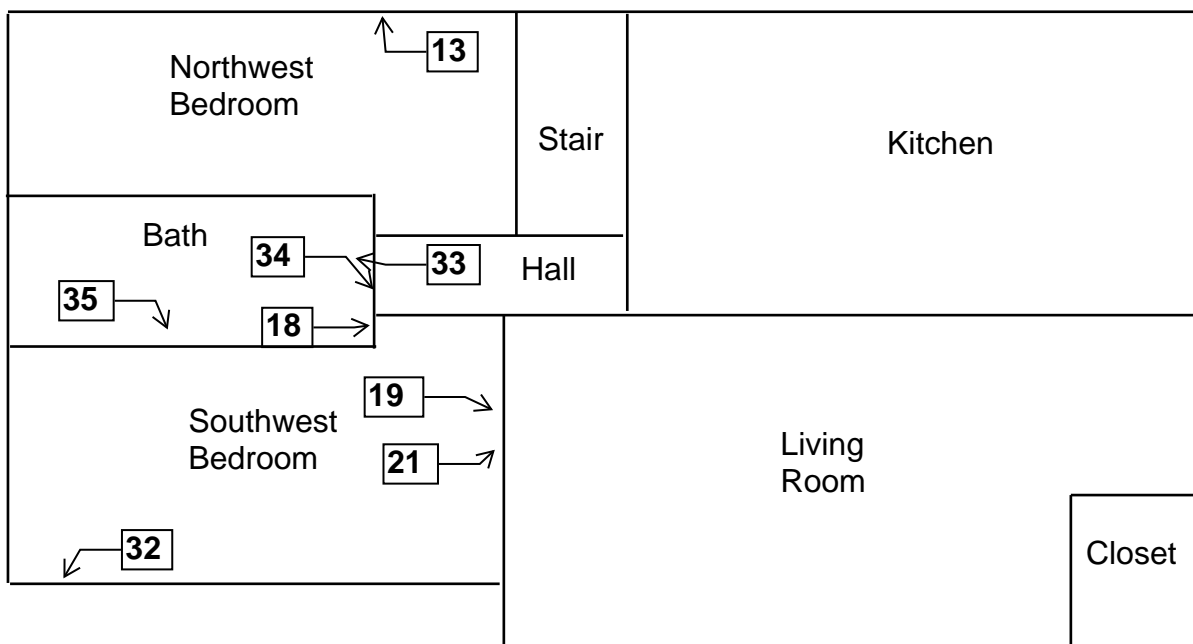
1st Floor Plan



Two Family Dwelling
5418 West Fond du Lac Avenue
Milwaukee, Wisconsin



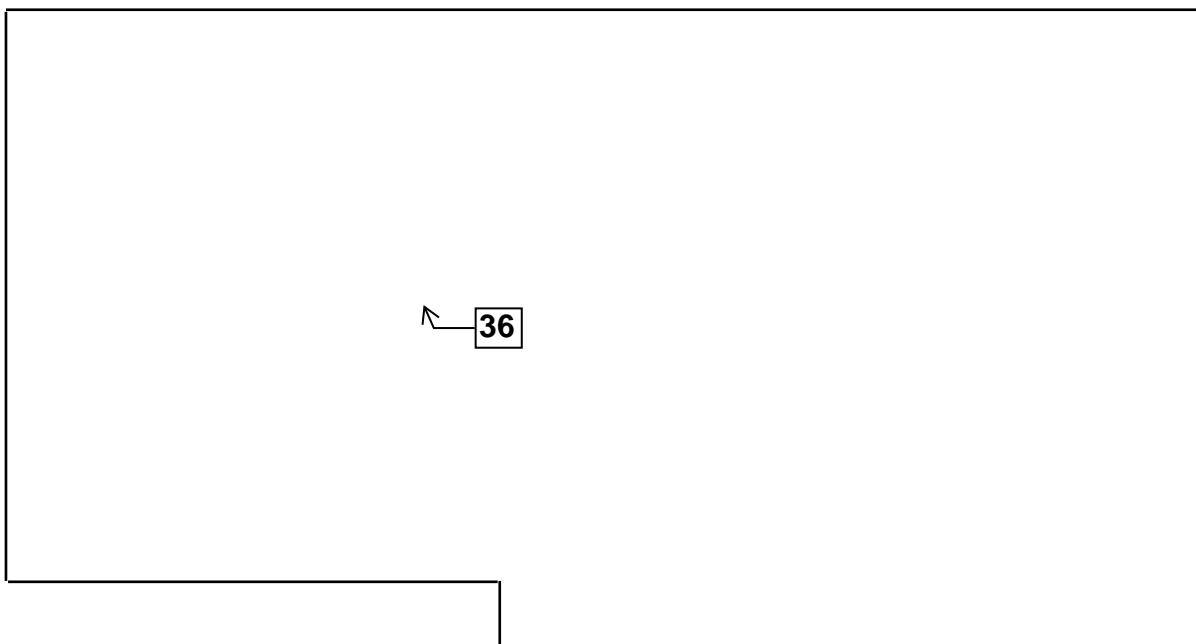
2nd Floor Plan



**Two Family Dwelling
5418 West Fond du Lac Avenue
Milwaukee, Wisconsin**



Attic Floor Plan



X. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company -- Primary

Certificate Issue Date: 07/23/2019
Expiration Date: 08/31/2021, 12:01 a.m.
Certification #: CAP-480540

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876



Miriam Hasan
Miriam Hasan, Unit Supervisor

Tony Evers
Governor

Andrea Palm
Secretary



State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659
MADISON WI 53701-2659

Telephone: 608 266-1251
FAX: 608 267-2832
TTY: 888-701-1253
dhs.wisconsin.gov

December 6, 2019

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

Congratulations! Your new Wisconsin certification card is enclosed. Please look it over and call us right away if anything on your blue card is wrong.

Follow Wisconsin law by making sure that you:

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos Online Certification website, www.dhs.wisconsin.gov/waldo, or by mailing a note to:

Lead and Asbestos Section
1 W. Wilson St., Room 137
P.O. Box 2659
Madison WI 53701-2659
4. Take refresher training well before the "Training due by" date printed on your blue card.
 - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.
Find asbestos training providers at www.dhs.wisconsin.gov/asbestos.
 - o Lead-certified individuals can refresh up to **1 year** before the due date.
Find lead training providers at www.dhs.wisconsin.gov/lead.
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at www.dhs.wisconsin.gov/lead or www.dhs.wisconsin.gov/asbestos.
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you protect your own and others' health and show professional responsibility. Contact us if you have a question. See the information below and on the back of your blue card.

The Lead and Asbestos Certification Program
(608) 261-6876
DHSAsbestosLead@wi.gov
www.dhs.wisconsin.gov/asbestos
www.dhs.wisconsin.gov/lead

		ASBESTOS INSPECTOR	
		Issued By	
		STATE OF WISCONSIN	
		Dept. of Health Services	
		Dean T Jacobsen	
		W131s6781 Kipling Dr	
		Muskego WI 53150-3401	
		160 lbs	5' 08"
AII-14370	Exp: 12/02/2020	12/12/1963	
Training due by: 12/02/2020			

COPY



PRE-DEMOLITION INSPECTION REPORT

Job Site:

**Fire Damaged
Mixed Use Building
2978 North Mother Simpson Way
Milwaukee, Wisconsin**

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

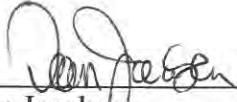
**HMG Report No.: 19-400-037.2978
Inspector: Dean Jacobsen
Contract No.: 360-19-0975**

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204
(414) 383-4800

December 2019

Signature Page
Pre-Demolition Inspection Report
Mixed Use Building
2978 North Mother Simpson Way
Milwaukee, Wisconsin



Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/20
Harenda Management Group

December 17, 2019

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

RE: Pre-Demolition Inspection Report
2978 North Mother Simpson Way
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the mixed use building at 2978 North Mother Simpson Way, Milwaukee, Wisconsin, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

A handwritten signature in black ink, appearing to read "Dean Jacobsen", written in a cursive style.

Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the mixed use building at 2978 North Mother Simpson Way, Milwaukee, Wisconsin, prior to demolition. HMG conducted a visual inspection for asbestos and universal wastes. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was not detected in any material sampled during the inspection. Asbestos was assumed to be in the asphalt roofing and in the floor tile and mastic in the building. Results are in Section IV of this report.

TABLE OF CONTENTS
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IV.	Asbestos Findings and Observations	2
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VII.	Pre-Demolition Environmental Checklist.....	6
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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the mixed use building at 2978 North Mother Simpson Way, Milwaukee, Wisconsin. The building is a two story wood framed structure with vinyl, asphalt, and wood walls and asphalt roofing.

II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On December 6, 2019, HMG conducted an asbestos inspection of a mixed use building, scheduled for mechanical demolition, located at 2978 North Mother Simpson Way, Milwaukee, Wisconsin. The inspection was conducted and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Asphalt shingle siding
- Tar paper
- Paper insulation
- Caulk
- Drywall/joint compound
- Plaster
- Window glazing compound
- Ceramic tile
- Flue packing
- Pipe insulation
- Cooler insulation
- Fabric
- Leveling compound
- Floor tile
- Asphalt roofing

- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Appendix A.

Sample #	Location and Description	Results	Homogeneous Code
1a	Exterior – west wall under vinyl siding – gray asphalt shingle siding	Negative	MSSy
1b	Exterior – west wall under vinyl siding – under gray asphalt shingle siding – fiber layer	Negative	MSSy
2	Exterior – west wall under fiber layer – green and brown asphalt shingle siding	Negative	MSSgn
3	Exterior – west wall under green and brown asphalt shingle siding – tar paper	Negative	MPT
5	Exterior – east wall under wood siding – tan paper insulation	Negative	MPIt
6	Exterior – north wall under wood siding – tan paper insulation	Negative	MPIt
7	Exterior – north wall under vinyl siding – red and brown asphalt shingle siding	Negative	MSSrn
8	Exterior – east wall under vinyl siding – red and brown asphalt shingle siding	Negative	MSSrn
9	Exterior – south wall under vinyl siding – red and brown asphalt shingle siding	Negative	MSSrn

Sample #	Location and Description	Results	Homogeneous Code
10	Exterior – west wall on vinyl siding – cream caulk	Negative	MCLKc
11	Exterior – on north window trim – gray caulk	Negative	MCLKy
12a	1 st floor – bar – west wall – drywall	Negative	MDW
12b	1 st floor – bar – west wall – joint compound	Negative	MDW
13a	1 st floor – bar – north wall – drywall	Negative	MDW
13b	1 st floor – bar – north wall – joint compound	Negative	MDW
14a	1 st floor – bar – south wall – drywall	Negative	MDW
14b	1 st floor – bar – south wall – joint compound	Negative	MDW
15	1 st floor – bar – on west windows – white caulk	Negative	MCLKw
16a	1 st floor – restroom – north wall – plaster base coat	Negative	SPI
16b	1 st floor – restroom – north wall – plaster skim coat	Negative	SPI
17a	1 st floor – bar – south wall – plaster base coat	Negative	SPI
17b	1 st floor – bar – south wall – plaster skim coat	Negative	SPI
18a	1 st floor – southeast room – ceiling – plaster base coat	Negative	SPI
18b	1 st floor – southeast room – ceiling – plaster skim coat	Negative	SPI
19	1 st floor – restroom – on north window – glazing compound	Negative	MPG
20a	1 st floor – restroom floor – gray ceramic tile	Negative	MCTMy
20b	1 st floor – restroom floor – grout	Negative	MCTMy
20c	1 st floor – restroom floor – under gray ceramic tile – gray mastic	Negative	MCTMy
20d	1 st floor – restroom floor – under gray mastic – fiberboard	Negative	MCTMy
21	Basement – on west side of chimney – light gray flue packing	Negative	TFPyLight
22	Basement – on north side of chimney – gray flue packing	Negative	TFPy
23	Basement – northeast at ceiling – cloth pipe insulation	Negative	TCI
24a	Basement – in cooler wall – brown insulation	Negative	MCI
24b	Basement – in cooler wall – tar paper #2	Negative	MPT2
25	1 st floor – bar – center 4 th layer – floor fabric	Negative	MFF
26a	1 st floor – bar – north side 4 th layer – floor fabric	Negative	MFF
26b	1 st floor – bar – north side 5 th layer – leveling compound	Negative	MLC
27	1 st floor – bar – east side 4 th layer – floor fabric	Negative	MFF
28	1 st floor – bar – center 5 th layer – gray paper insulation	Negative	MPIy
29	1 st floor – bar – north side 6 th layer – gray paper insulation	Negative	MPIy
30	1 st floor – bar – east side 5 th layer – gray paper insulation	Negative	MPIy

None of the materials sampled contain asbestos.

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	Roof	1,300 SF	Category I Non-Friable
Floor Tile & Mastic	Bar/Southeast Room	2,000 SF	Category I Non-Friable

Note #1: The asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials. Under NR 447 they do not currently meet the definition of regulated asbestos containing material (RACM) and need not be removed before demolition if the demolition debris does not become RACM and will be disposed at a Wisconsin licensed landfill.

Note#2: Category I – Non-Friable Asbestos Containing Materials may become RACM during mechanical demolition activities or maybe considered friable prior to demolition activities due to its condition at time of demolition.

Note#3: If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

Note#4: A copy of this report should be transmitted to the demolition contractor.

Homogeneous Material Codes

SPl	Plaster Garage
MSSy	Gray Asphalt Shingle Siding
MSSgn	Green & Brown Asphalt Shingle Siding
MSSrn	Red & Brown Asphalt Shingle Siding
MPT	Tar Paper Exterior
MPT2	Tar Paper Interior
MPIt	Tan Paper Insulation
MPIy	Gray Paper Insulation
MCLKc	Cream Caulk
MCLKy	Gray Caulk
MCLKw	White Caulk
MDW	Drywall/Joint Compound
MPG	Window Glazing Compound
MCTMy	Gray Ceramic Tile
MCI	Cooler Insulation
MFF	Floor Fabric
MLC	Leveling Compound
TFPy	Gray Flue Packing
TFPyLight	Light Gray Flue Packing

V. EXCLUSIONS

Severe fire damage to rear stair – no access to 2nd floor or attic. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or inaccessible materials, or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

VI. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

ASBESTOS

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

CFCs and HALONS

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>1</u>	Refrigerators, Freezers , Chillers – Basement
<u>1</u>	Vending Machines, Food Display Cases – Bar
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>4</u>	Fire Extinguishers (both portable and installed HALON suppression systems) – Bar, Basement
<u>N/A</u>	Water Coolers

LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

MERCURY

Products that may contain mercury:

LIGHTING

<u>3</u>	Fluorescent Lights – Restroom, Basement
<u>2</u>	High Intensity Discharge – Exterior -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS – 1 Furnace in Basement

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

ELECTRICAL SYSTEMS – 2 Electrical Boxes in Bar

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>N/A</u>	Ballasts
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

<u>N/A</u>	Hazardous Waste
<u>N/A</u>	Oil Tanks
<u>N/A</u>	Well Abandonment
<u>3</u>	Junk Auto Tires – Exterior
<u>N/A</u>	Junk Vehicles

* 1 Gas Meter on Exterior

* 4 CO₂ Tanks, 1 Gallon Paint, 1 Gallon Gasoline, & 2 Gallons Kleenstrip in Basement

VIII. ASBESTOS LABORATORY RESULTS



Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Harenda Management Group (5065)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 350525

Attn:

Received 12/10/19
Analyzed 12/13/19
Reported 12/17/19

Project:

Location: Wisconsin
Number: 19-400-037.2978

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
350525-001	12/06/19	1	Wisconsin		
Layer 1: Shingle Black/Gray, Granular/Bituminous/Fibrous				None Detected	20% CELLULOSE FIBER 80% NON FIBROUS MATERIAL

Sample was inhomogenous, subsamples of each component were analyzed separately.

Layer 2: Fibrous Material Tan, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
---	--	--	--	---------------	---

350525-002	12/06/19	2	Wisconsin		
Layer 1: Shingle Black/Red, Granular/Bituminous/Fibrous				None Detected	20% CELLULOSE FIBER 80% NON FIBROUS MATERIAL

Sample was inhomogenous, subsamples of each component were analyzed separately.

350525-003	12/06/19	3	Wisconsin		
Layer 1: Tar Paper Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL

350525-004	12/06/19	4	Wisconsin		
Layer 1:					

Sample not received.

350525-005	12/06/19	5	Wisconsin		
Layer 1: Fibrous Material Brown, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL

350525-006	12/06/19	6	Wisconsin		
Layer 1: Fibrous Material Brown, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.2978

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
350525-007	12/06/19	7	Wisconsin		
Layer 1:	Shingle			None Detected	20% CELLULOSE FIBER
	Black/Red, Granular/Bituminous/Fibrous				80% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
350525-008	12/06/19	8	Wisconsin		
Layer 1:	Shingle			None Detected	20% CELLULOSE FIBER
	Black/Red, Granular/Bituminous/Fibrous				80% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
350525-009	12/06/19	9	Wisconsin		
Layer 1:	Shingle			None Detected	20% CELLULOSE FIBER
	Black/Red, Granular/Bituminous/Fibrous				80% NON FIBROUS MATERIAL
350525-010	12/06/19	10	Wisconsin		
Layer 1:	Rubbery Material			None Detected	100% NON FIBROUS MATERIAL
	White, Rubbery				
350525-011	12/06/19	11	Wisconsin		
Layer 1:	Rubbery Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Rubbery				
350525-012	12/06/19	12	Wisconsin		
Layer 1:	Drywall			None Detected	10% CELLULOSE FIBER
	White, Powdery				90% NON FIBROUS MATERIAL
Layer 2:	Joint Compound			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
350525-013	12/06/19	13	Wisconsin		
Layer 1:	Drywall			None Detected	10% CELLULOSE FIBER
	White, Powdery				90% NON FIBROUS MATERIAL
Layer 2:	Joint Compound			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
350525-014	12/06/19	14	Wisconsin		
Layer 1:	Drywall			None Detected	10% CELLULOSE FIBER
	White, Powdery				90% NON FIBROUS MATERIAL
Layer 2:	Joint Compound			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.2978

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
350525-015	12/06/19	15	Wisconsin		
Layer 1: Rubbery Material White, Rubbery				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Tan, Hard/Fibrous				None Detected	95% CELLULOSE FIBER 5% NON FIBROUS MATERIAL
350525-016	12/06/19	16	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	4% ANIMAL HAIR 96% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
350525-017	12/06/19	17	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	4% ANIMAL HAIR 96% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
350525-018	12/06/19	18	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	4% ANIMAL HAIR 96% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
350525-019	12/06/19	19	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.2978

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
350525-020	12/06/19	20	Wisconsin		
Layer 1: Tile Green, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Grout Black, Hard/Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Mastic Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 4: Fibrous Material Beige, Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
350525-021	12/06/19	21	Wisconsin		
Layer 1: Cementitious Mtrl Gray, Cementitious/Hard				None Detected	100% NON FIBROUS MATERIAL
350525-022	12/06/19	22	Wisconsin		
Layer 1: Cementitious Mtrl Gray, Cementitious/Hard				None Detected	100% NON FIBROUS MATERIAL
350525-023	12/06/19	23	Wisconsin		
Layer 1: Fibrous Material Tan, Fibrous				None Detected	95% CELLULOSE FIBER 5% NON FIBROUS MATERIAL
350525-024	12/06/19	24	Wisconsin		
Layer 1: Fibrous Material Brown, Fibrous				None Detected	95% CELLULOSE FIBER 5% NON FIBROUS MATERIAL
Layer 2: Tar Paper Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
350525-025	12/06/19	25	Wisconsin		
Layer 1: Fibrous Material Black, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
350525-026	12/06/19	26	Wisconsin		
Layer 1: Fibrous Material Black, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
Layer 2: Granular Material Tan, Granular				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin
Number: 19-400-037.2978

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
350525-027	12/06/19	27	Wisconsin		
Layer 1:	Fibrous Material			None Detected	70% CELLULOSE FIBER
	Black, Fibrous				30% NON FIBROUS MATERIAL
350525-028	12/06/19	28	Wisconsin		
Layer 1:	Tar Paper			None Detected	40% CELLULOSE FIBER
	Black, Bituminous/Fibrous				60% NON FIBROUS MATERIAL
350525-029	12/06/19	29	Wisconsin		
Layer 1:	Tar Paper			None Detected	40% CELLULOSE FIBER
	Black, Bituminous/Fibrous				60% NON FIBROUS MATERIAL
350525-030	12/06/19	30	Wisconsin		
Layer 1:	Tar Paper			None Detected	40% CELLULOSE FIBER
	Black, Bituminous/Fibrous				60% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%**Total layers analyzed on order: 42**Analyst **Senhory Abdellatif**

350525-12/17/19 09:27 AM

Reviewed By: **Hind Eldanaf**
Microscopy Supervisor

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

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2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

350525

O 30



V:13501350525

fghraizi
UPS12/10/2019 9:49:14 AM
1Z2E28998463367510

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2978				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Stop	Flow Rate ³ Start	Stop	Total Air ⁴
1	12/6/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time

12/9/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

**SCHNEIDER LABORATORIES GLOBAL, INC.**

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804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2978				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		Asbestos in Air <input type="checkbox"/> PCM <input checked="" type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
11	12/6/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis				
¹ Type: A=Area, B=Blank, P=Personal, E=Excursion		² Beginning/End of Sample Period	³ Liters/Minute	⁴ Volume in Liters [time in min x flow in L/min]
Relinquished By:	Dean Jacobsen	Signature:	Date/Time:	12/6/19/20
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !				

**SCHNEIDER LABORATORIES GLOBAL, INC.**

2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2978				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	Asbestos in Bulk <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	Metals Total <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/>	TCLP <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	Microbiology <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens Sub-Contract <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		Asbestos in Air <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	Gravimetric <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	Miscellaneous <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/>	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type ¹)	Wipe Area	Time ² Start	Time ² Stop	Flow Rate ³ Start	Flow Rate ³ Stop	Total Air ⁴
21	12/6/19								
22									
23									
24									
25									
26									
27									
28									
29									
30									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

¹Type: A=Area, B=Blank, P=Personal, E=Excursion ²Beginning/End of Sample Period ³Liters/Minute ⁴Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen

Signature:

Date/Time 12/9/19 1700

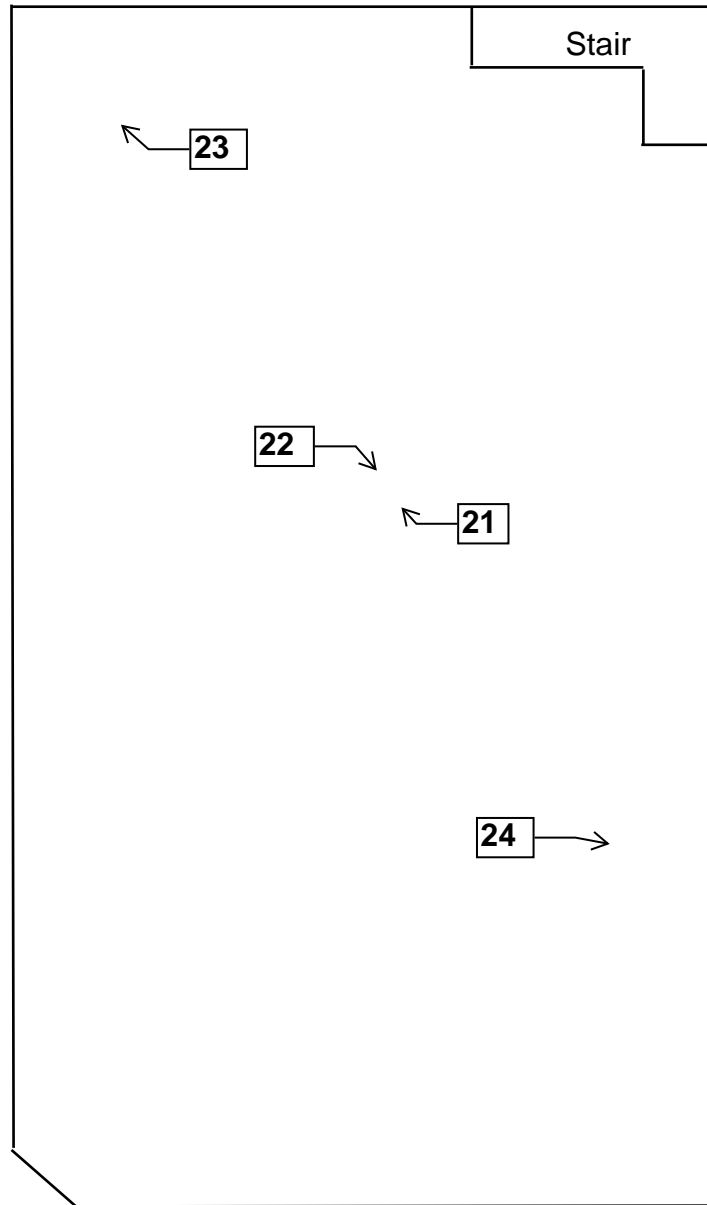
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

IX. FLOOR PLANS

**Mixed Use Building
2978 North Mother Simpson Way
Milwaukee, Wisconsin**



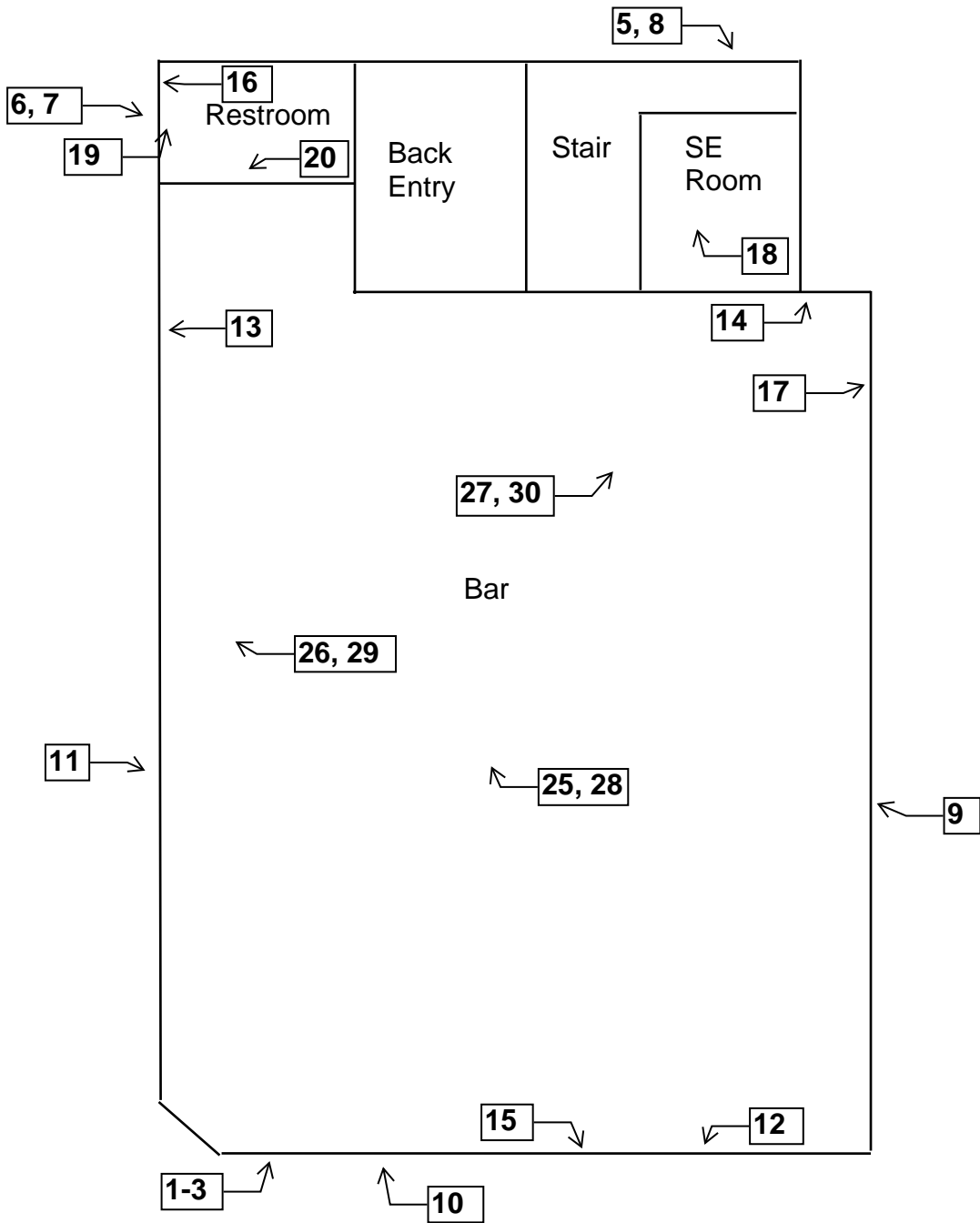
Basement Floor Plan



**Mixed Use Building
2978 North Mother Simpson Way
Milwaukee, Wisconsin**



1st Floor Plan



X. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company -- Primary

Certificate Issue Date: 07/23/2019
Expiration Date: 08/31/2021, 12:01 a.m.
Certification #: CAP-480540

Wisconsin Department of Health Services
Division of Public Health
Bureau of Environmental and Occupational Health
Asbestos & Lead Section
PO Box 2659
Madison WI 53701-2659
Phone: (608) 261-6876



Miriam Hasan
Miriam Hasan, Unit Supervisor

Tony Evers
Governor

Andrea Palm
Secretary



State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659
MADISON WI 53701-2659

Telephone: 608 266-1251
FAX: 608 267-2832
TTY: 888-701-1253
dhs.wisconsin.gov

December 6, 2019

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

Congratulations! Your new Wisconsin certification card is enclosed. Please look it over and call us right away if anything on your blue card is wrong.

Follow Wisconsin law by making sure that you:

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos Online Certification website, www.dhs.wisconsin.gov/waldo, or by mailing a note to:

Lead and Asbestos Section
1 W. Wilson St., Room 137
P.O. Box 2659
Madison WI 53701-2659

4. Take refresher training well before the "Training due by" date printed on your blue card.
 - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.
Find asbestos training providers at www.dhs.wisconsin.gov/asbestos.
 - o Lead-certified individuals can refresh up to **1 year** before the due date.
Find lead training providers at www.dhs.wisconsin.gov/lead.
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at www.dhs.wisconsin.gov/lead or www.dhs.wisconsin.gov/asbestos.
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you protect your own and others' health and show professional responsibility. Contact us if you have a question. See the information below and on the back of your blue card.

The Lead and Asbestos Certification Program
(608) 261-6876
DHSAsbestosLead@wi.gov
www.dhs.wisconsin.gov/asbestos
www.dhs.wisconsin.gov/lead

		ASBESTOS INSPECTOR	
		Issued By	
		STATE OF WISCONSIN	
		Dept. of Health Services	
		Dean T Jacobsen	
		W131s6781 Kipling Dr	
		Muskego WI 53150-3401	
		160 lbs	5' 08"
AII-14370	Exp: 12/02/2020	12/12/1963	
Training due by: 12/02/2020			

COPY



Policy Prohibiting Firearms and Dangerous Weapons in the Workplace

Department of Employee Relations

November 10, 2011

Revised February 27, 2012



Policy Statement

The City of Milwaukee has a zero tolerance policy for firearms and dangerous weapons in the workplace. Accordingly, the City of Milwaukee prohibits employees from carrying or possessing a firearm or dangerous weapon while acting in the course and scope of their employment for and on behalf of the City of Milwaukee. This policy applies to all general city employees, including students, volunteers, staffing agency workers or contractors working in the course and scope of their employment with the City of Milwaukee.

Definitions

Employee - Employee includes any person, excluding law enforcement personnel, who performs services for the City of Milwaukee, either compensated or uncompensated.

Firearm or dangerous weapon - for purposes of this policy a firearm or dangerous weapon includes, but is not limited to, the following:

- (1) A firearm, whether loaded or unloaded, from which a shot may be discharged including but not limited to handguns, pistols, revolvers, shotguns, rifles, and bb guns;
- (2) A gun that can discharge a shot or a projectile by means of an explosive or gas, or compressed air;
- (3) A device designed to be used as a weapon, from which can be expelled a projectile by the force of any explosion or force of combustion;
- (4) Any weapon (including a starter gun) which will or is designed to or may readily be converted to expel a projectile by the action of an explosive;
- (5) Any destructive device;
- (6) Any device designed as a weapon and capable of producing great bodily harm, including but not limited to, stun guns, stun batons;
- (7) An electric weapon such as a taser gun;
- (8) Any combustible or flammable liquid, or other substance, device, or instrumentality that, in a manner it is used or intended to be used, is calculated or likely to produce death or great bodily harm, or any fire that is used to produce death or great bodily harm; and,
- (9) Any knife *that is carried with intention or calculation to produce death or great bodily harm. Switchblades are specifically prohibited. (A Leatherman or other small pocket knife is permissible, as long as the blade is 3 inches or less in length. Knives intended to be used as eating utensils, and stored or maintained in office kitchens or lunchrooms do not represent a violation of this policy.)*

Prohibitions

Regardless of whether a city employee possesses a concealed weapons license or is allowed by law to possess a weapon, all employees are prohibited from possessing, transferring, carrying, selling and storing firearms or dangerous weapons while working on city property or while acting within the course of their employment when not on City of Milwaukee property. This prohibition applies anywhere City business is conducted as summarized below:

- working on property owned, leased or controlled by the City;
- performing work for the City at any location including private residences and commercial establishments and other customer or client locations;
- driving or riding as a passenger in a city vehicle;
- attending trade shows, conferences, or training on behalf of the City;
- attending City of Milwaukee directed or sponsored activities or events (intended for city employees only and not the general public) independent of venue;
- Riding any type of mass transit while on City business;
- Working off-site on behalf of the City (excluding the employee's residence);
- performing emergency or on-call work for the City after normal business hours and on weekends;
- Attending training or conferences on behalf of the City.

City employees may possess, carry and store a firearm or dangerous weapon in their own motor vehicles if they have obtained the appropriate license as required by applicable state and federal laws. Employees who use a personal vehicle in the course and scope of their employment are required to keep the permitted firearm or dangerous weapon stored out of sight and in a secure location.

Violation of this Policy is considered a serious offense that endangers the safety of employees and others. Therefore, this any offense may result in severe disciplinary action up to and including discharge from employment. When appropriate a referral to law enforcement may be made which may result in criminal charges.

Safety First

In applying this policy, no employee shall take any action that will risk his or her own safety or the safety of other individuals. No attempt should ever be made by an employee to restrain or forcibly evict an armed person from City premises. Employees in facilities without a designated Police or security force may inform individuals carrying weapons of the law and ask for their compliance. This should be done in an informative, calm and non-confrontational manner. An individual's continued non-compliance after being properly informed of the law should result in notification to the Police Department. Employees in facilities with a designated Police or security force should make all attempts to defer intervention in concealed or open carry situations to those groups by contacting designated security personnel via established reporting mechanisms.

An employee who feels an immediate risk to his or her own safety or the safety or security of others, should avoid any interaction with the individual. Steps should be taken to secure their area

and immediately contact the Police Department by calling 9-911 and their assigned building security (where applicable).

Report of Violations

Employee Violations

Employees are required to report violations of this Policy without regard to the relationship between the individual who initiates the prohibited behavior and the individual reporting it.

An employee who believes that another employee may be in violation of this policy should report the alleged violation to the employee's manager or supervisor, the department head, or the appropriate departmental Human Resources representative.

The City will promptly investigate allegations of violations of this policy. Supervisors and managers are responsible for establishing and modifying procedures as necessary to carry out and comply with this Policy in accordance with applicable laws and City ordinances. Departments are responsible for implementing protocols for handling a prohibited weapon upon discovery.

The City reserves the right to authorize searches for prohibited weapons on its property when a violation is reported or when probable cause or reasonable suspicion is present consistent with law. Employees should be aware that there is no reasonable expectation of privacy with respect to weapons in the workplace. The City's right to conduct searches includes, but is not limited to, such areas and items as lockers, desks, workstations, purses, briefcases, bags, and toolboxes, and lunch bags. Searches of the employee's work area and belongings, as described above, *may* be conducted by the employee's supervisor and another member of management. Searches of all types, including surrounding City property, personal property and the employee may be conducted by law enforcement in accordance with law should reasonable suspicion be present. Any weapon found in violation of this Policy may be confiscated. Refusal to permit a search may result in discipline up to and including discharge.

Visitor Violations

Visitors to posted no-carry City facilities are not allowed to carry a weapon on the premises. If a visitor does bring a weapon into a City facility a determination will need to be made as to the level of risk the visitor carries.

Any visitor carrying a weapon into a posted no-carry City facility is creating an elevated risk to security and safety that warrants a response leading to compliance with the law. If the visitor poses an immediate risk to security or safety the Police Department should be notified immediately by calling 9-911. The visitor should be considered an immediate risk to safety and security if he/she is acting in an aggressive, belligerent, confrontational, suspicious or in an otherwise questionable manner while carrying a weapon.

Anti-Retaliation Provision

No employee or City official may retaliate against an employee who has reported a possible violation of this policy.

Roles and Responsibilities

Employees are responsible for understanding and complying with the Policy Prohibiting Firearms and Dangerous Weapons in the Workplace. Whenever there is a question as to whether an instrument, article or substance is considered a weapon in violation of this policy, it is the employee's responsibility to seek clarification. Employees seeking clarification should direct their questions to their Department Head or the City's Security Operations Manager at 286-2145 prior to bringing the item(s) to City work sites and events, as well as City-owned or leased facilities or vehicles.

City departments shall ensure that employees complete a statement acknowledging receipt and understanding of this policy.

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